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UNITED STATES DISTRICT COURT  
WESTERN DISTRICT OF MICHIGAN  
SOUTHERN DIVISION

Case No. 1:05-cv-3535  
Hon. Richard Alan Enslen

JOEL GOLDMAN  
Plaintiff,

v.

HEALTHCARE SYSTEMS MANAGEMENT  
SYSTEMS, INC., et al.  
Defendants.

**EXPERT REPORT OF NORMAN MARON JACOBSON**

**Background and Experience**

My background and experience are described in my Curriculum Vitae,  
Exhibit A to this Report.

More specifically, my duties at Custom Software, Inc. (CSI) included,  
among others, specifying, designing, developing, testing and documenting  
software systems; modifying and enhancing existing software systems;  
converting software systems to other languages and modifying them to function  
on other computers; and providing consultation and systems analysis services.

After leaving CSI, for about five years I provided, and occasionally still provide,  
these services to clients as an independent consultant.

I have over 25 years of experience in the following areas:

- (1) in the writing of software;
- (2) in examining algorithms and formulas to determine their meaning  
and characteristics;

- (3) in reading documents that convey complex, technical information about the function of computers and computer-based systems;
- (4) in reading and studying computer programs and their source code to determine their function and actions, including for the purposes of modifying or enhancing the software's functionality or explaining its functionality to others;
- (5) in examining source code to determine if one or more programs have been substantially copied from or influenced by other programs;
- (6) in comparing the "look and feel" of program source code from one source to the "look and feel" of program source code from another source.

### **Remuneration**

My rate for the time I spend on this matter is \$250.00 per hour.

### **Testimony and Depositions**

In the past four years, I have testified at trial, deposition or arbitration in

- (1) *Stephen M. Waltrip et al. v. Kevin B. Kimberlin et al.*, Case No. 01AS04979, Superior Court for the State of California in and for the County of Sacramento;
- (2) *Amer Jneid et al. v. Tri Pole Corporation*, Novell, Inc. et al., Case No. 02CC00182, Superior Court of the State of California for the County of Orange--Complex Civil Center;
- (3) *Hosea v Pomona College*, Case No. BC297820, Superior Court of the State of California for the County of Los Angeles;
- (4) *FonePay Corporation et al. v. Electronic Check Corporation et al.*, Case No. CV-01-7067LGB(PJWx), United States District Court for the Central District of California;

(5) *I-Tell Publishing, Inc. dba United Publishers Corporation, et al. v. Hartford Casualty Insurance Company, et al.*, Case No. SACV-99-841 DOC (EEx), United States District Court for the Central District of California.

## **Publications**

My publications of the last ten years are included in Exhibit A.

## **Documents and Programs Reviewed**

The documents I relied upon in forming my opinions are

- (1) The information contained in the web site [www.hmstn.com](http://www.hmstn.com) and in particular, the site's "About Us" and "Executive Bios" pages;
- (2) "Goldman Software History," a document Plaintiff prepared;
- (3) Greentree Consultants, Inc., T.H.I.S. Total Hospital Information Solutions ("the Greentree booklet");
- (4) Healthcare Management Systems, Inc. Monitor Health Information Management User's Manual, manual number HIM-1024, copyright 2001 ("the HMS manual");
- (5) "Patient Abstract Master File," a document Plaintiff prepared;
- (6) Form TX Copyright Registration for Goldman code created in 1979, its attached program listings, and its cover letter;
- (7) Form TX Copyright Registration for Goldman code created in 1997, its attached program listings, and its cover letter;
- (8) "Medical Records Admission Reports," "Medical Records Discharge Summary Reports," "Medical Records Discharge Detail," "Medical Records Files," and "Medical Records Subroutines," documents containing reports and program listings from Goldman's current medical records software

system, sent to be by Plaintiff's counsel on November 16, 2005 (collectively "the provided Goldman reports");

(9) Numerous Goldman and Healthcare Management Systems, Inc. ("HMS") computer programs at issue in this case that were placed on deposit with the firm Source Harbor and converted to standard text format. Mr. Goldman provided me a CD of these converted programs ("the CD"). The programs were placed into two groups (folders). The *Goldman\_program* folder contained Goldman programs in the folders *Prog\_1979-1988*, *Prog\_1989-1997*, *Prog\_Current* and *QDDSSRC*. The *hms\_program* folder contains HMS programs in the folders *mrdss*, *qddssrc* and *qrpglesrc*.

### **Other Information Considered**

Except as otherwise noted, the following information was provided by the plaintiff or plaintiff's attorneys.

Joel Goldman wrote the first version of his hospital information computer software system in 1979. That system included a subsystem to store information on and produce reports containing patient information, physician information, and related information; that is, a medical records reporting system. Goldman designed the software system to run on IBM System/34 and System/36 computers. He revised and updated this software through approximately 1988. A number, but not all, of the programs that comprised this early version of his medical records system are included in the *Prog\_1979-1988* folder on the CD. I refer to this early version of Goldman's medical records system as "Goldman 1979."

Goldman says that in 1983 he provided a copy of Goldman 1979 source code to Mr. Tom Givens. By 1984, Mr. Givens co-founded Healthcare Management Systems, Inc. This firm currently markets a software package that contains a medical records reporting subsystem. The programs that comprise the current version of this subsystem are in the *hms\_program* folder of the CD. I refer to this subsystem as the "HMS system."

In 1989, Goldman revised the Goldman 1979 software to take advantage of certain features of the IBM AS/400 computer. A number, but not all, of the programs that comprise this version of the medical records portion of the system are in the *Prog\_1989-1997* folder of the CD. I refer to this subsystem as "Goldman 1989."

Goldman states that, in 1997, he revised the AS/400 version of his system to allow for four-digit year fields to address the so-called "Y2K problem." That system has been revised and enhanced through the present. A copy of the medical records portion of that system is in the folder *Prog\_Current* of the CD; I refer to it as "Goldman 1997." I refer to Goldman 1979, Goldman 1989 and Goldman 1997 collectively as "the Goldman software."

In 1989 and 1990, Goldman prepared a users manual (the Greentree booklet) which contains selected sample reports produced by the Goldman 1989 programs.

Based on my examination of the HMS manual, revision dates appear on each page of the manual that contains a sample report; these dates range from August, 2001 through July, 2004. The documentation for each report contains a reference to the program used to create it.

Based on my review of Goldman's copyright registrations, Goldman registered Goldman 1979 and Goldman 1997 with the U.S. Copyright Office in 2004.

## **Opinions**

My opinions are based upon the information of which I am now aware. As new information emerges through investigation and discovery, I may supplement the opinions expressed here.

**First Opinion: The layouts of many of the HMS reports are substantially similar to the layouts and formats produced by the Goldman software.**

The Goldman software uses several different layouts for its reports; several reports typically share the same layout. This is also true for the HMS software. The two systems have in common at least six layouts; for ease of reference, I have called them Executive Summary, Patient Categories, Diagnosis/Operative Expense Detail, Patient Diagnosis Detail, Daily Table and Monthly Table (collectively "the Goldman layouts").

A simple visual comparison shows that each of these six layout types is substantially similar in the Goldman software and the HMS software. For example, the Executive Summary layout used in the Goldman system is substantially similar to the Executive Summary in the HMS system. To illustrate this similarity, Exhibit B pairs the six layout types from i) the HMS manual, and ii) the Greentree booklet or printouts of the provided Goldman reports.

For each 1979, 1989 and 1997 Goldman program that produces a medical records report, I examined the Greentree booklet, the provided Goldman reports and the Goldman software to determine the layout for that report. The results for

1979 and 1997 Goldman software are detailed in two charts in Exhibit C, labeled "Goldman 1979 Medical Records Report Programs" and "Goldman 1997 Medical Records Report Programs," respectively. For the 1989 Goldman software, I prepared the chart "Goldman 1989 Report Samples (the Greentree booklet)" showing report layouts based on my examination of the reports in the Greentree booklet. Another chart in Exhibit C, entitled "Substantially Similar Reports and the Programs that Produce Them," classifies the layout type for each HMS medical records program report found in the HMS software and for each reporting program referred to by the reports contained in the HMS manual.

I then tallied the number of reports in the HMS system that uses each format. If an HMS report differed only in that it gathered data for the year to date rather than the month to date, I did not count the year-to-date report as a separate report in the tally. The tallies are

Daily Table Layout	3
Diagnostic/Operative Expenses Detail	18
Executive Summary	2
Monthly Table	3
Patient Categories	5
Patient Diagnosis Detail	1

The HMS reports having substantially similar layouts to the Goldman layouts comprise about 29.1% of the 110 reports in the HMS software that produce medical records reports. They comprise about 32.7% of the 98 medical records reports appearing in the HMS manual. Reports appearing more than once in the HMS manual were only counted once. Reports for the HMS DRG and APC

subsystems in the HMS manual were not counted, as they are subsystems distinct from the HMS the medical records reporting subsystem.

**Second Opinion: A significant number of the HMS programs that produce HMS medical record reports contain program code that is substantially similar to the code used in the Goldman software.**

My test for substantial similarity was conservative. Before concluding that HMS source code was substantially similar to Goldman source code, the HMS program had to produce a report that had substantially the same layout as a Goldman report, produce substantially the same information including calculated results, and utilize a similar approach in the underlying program code that would have been highly unlikely to have occurred simply because two programmers were trying to solve the same problem.

I noted particular features present in both the HMS and Goldman versions of the program that are highly unlikely to have occurred by chance:

a) Similar field names in the patient abstract master files. Both the HMS and Goldman systems utilize a master patient file (and both files have the same name). Although one would expect some commonality in the two files, as both indeed store patient information, the similarity present in the field names is beyond what one would expect to find if two independent parties created these files. Although the HMS patient master file contains more fields than the Goldman patient file, the comments in the HMS ABSTRACT program show that many of these fields were added over time, after the original patient master file was created. Exhibit D includes a copy of "Patient Abstract Master File," which describes the Goldman system's patient master file, and the HMS patient master

file as it appears in the HMS program ABSTRACT. In each document similar variables are checked ("v").

- b) Variable Names. Both programs frequently employ the same or very similar, yet unusual, variable names.
- c) Program Comments. Both programs frequently use very similar or the same phrasing in program comments.
- d) Unusual Labeling in Report Columns. Both systems often use the same unusual labels or abbreviations in report column headings, for example, "PER/CENT" rather than "PERCENT."
- e) Highly Unusual and Complicated Geometric Mean Algorithm. Both programs use the same very unusual algorithm to compute a geometric mean.
- f) Inconsistent Number of Characters to Form a Line. For both the Goldman and HMS programs, sometimes the code to produce the last part of a line on the report contains exactly the number of characters needed to bring the line to column 132, the column at which the line is to end. However, sometimes the code for a report will contain more characters than are needed to bring the line to column 132 (when run, however, the program still only prints out to column 132). I detected no pattern as to when one approach or the other is used. Yet, there are HMS report programs where the number of characters used to complete a line to column 132 are exactly the same for corresponding lines in the Goldman program that produces the same report. The odds of this happening by chance are exceedingly small.
- g) Identical Labels. RPG, the computer language employed by both the Goldman and HMS subsystems, uses certain labels to control program flow

and actions. These labels can be given any value the programmer desires. Yet, several of the corresponding programs use the same values for these labels in the same locations in the code.

h) Similar Program Names. An HMS program will often have a name that ends in the same number as its corresponding program in the Goldman software. These numbers are not mandated by any third party and it is unlikely this naming correspondence occurred by chance; more likely it occurred because the one program was based upon the other.

The "Substantially Similar Reports and the Programs that Produce Them" chart in Exhibit C shows which HMS programs have substantially similar programs in the 1979, 1989 or 1997 Goldman software sets. Again, my test for "substantially similar" programs is stringent. To illustrate, Exhibit E contains a copy of HMRAE7, the Goldman 1979 program that produces the Goldman Year-to-Date Physician Summary Report and a copy of the HMS program Year-to-Date Physician Summary Report. I concluded that these programs are substantially similar based on the similarity of the lines and sections that I have marked by bold print.

Many experts believe that two programs are substantially similar if they produce a similar appearing report by similar means. If that test of substantially similar were used, the number of substantially similar programs would increase to the number of HMS reports with layouts substantially similar to the Goldman layouts, as discussed under Opinion One, because each HMS program that produces a such a report would have code within it necessary to achieve that similar layout.

**Third Opinion: The patient master file is fundamental to the operation of the HMS software.**

Patient data is obviously necessary to produce reports in a medical records system. The HMS manual lists the patient master file (ABSTRACT) as used in virtually every HMS medical records report. Thus, the patient master file is an essential part of the HMS medical records system. Were the patient master file to be unavailable to the HMS medical records system, it would be virtually non-functional.

**Fourth Opinion: Assuming that HMS or Mr. Givens had access to the Goldman software, HMS or Mr. Givens (or an agent or agents for one or both) derived significant portions of the HMS software from the Goldman 1979 software.**

The similarities noted between the HMS and Goldman systems are substantial and pervasive and could not have resulted from chance. Therefore, the similarity can only be explained by a transfer of information from one system to the other, or to both systems from a third party. I have seen nothing to suggest that these two systems were derived from a third source, nor seen anything to suggest that the Goldman software was derived from the HMS software. However, the plaintiff alleges that Mr. Givens had access to the 1979 Goldman software. If this allegation is true, I conclude that the HMS medical records system was derived from Goldman software.

Several observations support this conclusion, including, first, that all authoring and revision dates in the HMS software are in or after 1983; see the "HMS Medical Records Report Programs" chart, Exhibit C.

Second, all revision dates given for the documentation of reports in the HMS manual are after 1983.

Third, the "look and feel" of source code ordinarily differs between authors of source code. Yet, the HMS system's code has the "look and feel" of the Goldman software for those programs that produce reports with substantially similar report layouts. Conversely, the HMS code has a markedly different "look and feel" for those programs that produce reports that do not appear the same as those in the Goldman system.

Fourth, many of the particular "matches" that occur in sections of the HMS and Goldman systems' code are so unusual or similar that the only reasonable explanation is that the original code for those sections was copied from the same source, or one system's sections were copied from sections of the other system.

Fifth, the degree of matching of the two systems' patient abstract master files strongly indicates that one patient master file was derived from the other.

Assuming Givens or HMS had access to the Goldman software in 1983, I conclude that the HMS report layouts and report programs that show substantial similarity to Goldman reports and programs were derived from those Goldman reports and programs and that the HMS patient abstract master file was derived from the Goldman patient abstract master file.

Respectfully submitted,

Dated: 11/30/2005



Norman Jacobson

# **EXHIBIT A**

# Curriculum Vitae

## Norman Jacobson

University of California  
Donald Bren School of Information and Computer Sciences  
444 Computer Science Building  
Irvine, CA 92697-3425  
(949) 824-7300  
jacobson@ics.uci.edu

### **Education**

- 1977 California State Teaching Clear Credential in Mathematics
- 1976 Bachelor of Science, Information and Computer Science  
Bachelor of Arts, Mathematics  
University of California, Irvine

### **Teaching**

- 2005 – present Senior Lecturer (Continuing)  
1988 – 2005 Lecturer, Continuing  
1978 – 1988 Lecturer  
Donald Bren School of Information and Computer Sciences, UCI

Courses taught; course curricula developed, solely or as lead committee member, are marked with an asterisk:

- |           |   |
|-----------|---|
| ICS 1A    | - Programming and Problem Solving (for non-majors)    |
| * ICS 1P  | - Introduction to Computing (non-majors)              |
| * ICS 1S  | - Introduction to Computing for Social Science Majors |
| ICS10A    | - Information: Presentation and Representation        |
| * ICS 10B | - Computer-Based Information Systems                  |
| * ICS 21  | - Introduction to Computer Science I (majors)         |
| * ICS 22  | - Introduction to Computer Science II (majors)        |
| * ICS 23  | - Fundamental Data Structures (majors)                |
| * ICS 23E | - Fundamental Data Structures for Engineers           |
| ICS 52    | - Systematic Software Construction                    |
| * ICS 80  | - Fundamentals of C++ Programming                     |
| * ICS 80B | - Ethical Issues in Computing & Computer Science      |
| * ICS 80J | - Java for C++ Programmers                            |
| * ICS 90  | - Programming Methods and Languages                   |
| ICS 125B  | - Project in Systems Design (formerly ICS 195)        |
| ICS 141   | - Programming Languages                               |
| ICS 162   | - Formal Automata and Languages                       |
| * ICS 183 | - Data Processing Principles                          |
| ICS 184   | - File and Database Management                        |
| ICS 185   | - Project in Database Management                      |
| ICS 193   | - Individual and Organizational Factors in Computing  |

1998 – 2004 1980, 1982 – '89 (summers)	Instructor Summer Session, UCI 1998 – 2004, ICS 21 (5 times), ICS 23 (2) 1980, 1982 – '89, ICS 125B (1), 162 (2), 183 (3), 193 (1), 195 (2)
1996	Instructor Administrative and Business Systems, UCI In-house course to AB&S managers and supervisors in "Management Uses of Information Technology"
1994, '95, '97, '98 (summers)	Instructor Summer Institute in Computer Science * 1994, 1995, 1997, 1998, ICS 80N, Introduction to Computing * 1994, ICS 80P, Introduction to Problem Solving
1994 – 1996 (summers)	Instructor California Alliance for Minority Participation (CAMP) Summer Science Academy * 1996, Introduction to Programming (C++) * 1994 – 1996, Introduction to Problem Solving
1984	Instructor Administrative Computing Services, UCI In-house structured COBOL programming course for programming staff
1984	Lecturer Department of Electrical Engineering, UCI * EE231 – Software Engineering
1981 – 1983	Instructor University Extension Program in Systems Analysis, UCI * 1983, Business Systems Design * 1983, Introduction to Business Systems Analysis * 1982, Working with Users: The Analyst as Consultant
1979 – 1980	Instructor in Computer Science Summer Science Program, UCI

### Professional Activities

1995 – present	Typographer and Copy Editor Responsible for typography, graphics, hieroglyph construction and copyediting of the in-progress book <i>A Dictionary of Egyptian Pharaohs: Predynastic through the Twentieth Dynasty</i> by Darrell D. Baker; to be published by The Rubicon Press, London.
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1984 – present	Expert Witness Educate and assist legal counsel and others in legal disputes, including civil, patent, copyright and trade secret cases, where computing or software systems issues are central. Served as an expert in over 40 cases; deposed in several of them; have testified in U.S. Tax, U.S. District & California Superior Courts and at arbitration proceedings. Appointed special advisor by U.S. District Court, Central District of California, The Hon. Dickran Tevrizian.
1995 – 2003	Systems Analysis & Software Consultant Systems analysis and design; software development; data conversion; training.
1982 – present	Reviewer of computer science textbook manuscripts Addison Wesley; McGraw-Hill; Prentice Hall; Franklin Beedle & Assoc.; Wiley & Sons; others
1979 – 1995	Vice President Custom Software, Inc., Mission Viejo, CA A consulting firm providing systems analysis and software development services. Clients to whom I directly provided services included  Allergan, Medical Optics division ARCO Corporate Library Blue Cross of California Body Accounting (personal fitness firm) California Faculty Association Coldwell Banker (commercial real estate division) David Sales (auto parts wholesaler) FLS Services (mortgage insurance services) Interstate Electronics Sheldon Greenfield, MD, UCLA School of Medicine Maxicare (HMO) Medisec (medical billing) Prudential Real Estate Affiliates Sheldon Solomon Accountancy Corp. So. Calif. End Stage Renal Disease Council St. Paul Fire and Marine Insurance Company Systonetics (project management software) TRW Mortgage Systems (home loan processing)
1977 – 1978	Programmer/Analyst Office of the Vice Chancellor, UCI
1974 – 1985	Programmer Office of Housing and Transportation, UCI
1975 – 1984	Coder; Sr. Code; Sr. ADP Analyst; Programmer Analyst III Public Policy Research Organization (now CRITO), UCI

### Teaching Awards

- 2004 Campus Village Professor of the Month (for January 2004)
- 2001 Project Prometheus (UCI Residents' Hall program) award for "recognition of your valuable contributions to first year students at UCI"
- 1999 UCI's "Celebration of Teaching" award for teaching excellence in information and computer science
- 1996 Golden Floppy Award
- 1991 – 1993 Awarded to the "best teacher in ICS" by vote of ICS majors
- 1995, 1996, 1999 Voted "The Outstanding Professor in Information and Computer Science" by the UCI senior class
- 1987 ASUCI Teach Evaluation and Course Handbook  
Outstanding Faculty in ICS, class under 50 students

### Other Recognition

- 2004, 2005 Included in Who's Who in American Education
- 1999, 2000 Included in Who's Who in Science and Engineering
- 1997 Included in Who's Who Among America's Teachers
- 1995, 1996 Included in Who's Who in American Education
- 1991, 1992, 1993 Included in Who's Who Among Rising Young Americans
- 1974 – present Certificates and letters of recognition for service to UCI
- 1972 Eagle Scout

### Publications and Creative Works

- 2005 with Thomas A. Standish, "Using O(n) ProxmapSort and O(1) ProxmapSearch to Motivate CS2 Students, Part 1," *inroads* (formerly *SIGCSE Bulletin*), the journal of the ACM Special Interest Group in Computer Science Education (SIGCSE), to appear December 2005.
- 2005 with Thomas A. Standish, "Using O(n) ProxmapSort and O(1) ProxmapSearch to Motivate CS2 Students, Part 2," *inroad*, to appear June 2006.
- 2004 with Alex Thornton, "It is Time to Emphasize ArrayLists over Arrays in Java-Based First Programming Courses" *inroads*, vol. 35, no. 4 (December 2004).

- 2001 "A Method for Normalizing Students' Scores When Employing Multiple Graders," *inroads*, vol. 33, no. 4 (December 2001).
- 2000 "Using On-Computer Exams to Ensure Beginning Students' Programming Competency," *inroads*, vol. 32, no. 4, (December 2000).
- 1992 Crawley, J. Winston; McArthur, William G.; & Jacobson, Norman M. *Structured Programming Using THINK Pascal on the Macintosh*. Englewood Cliffs, New Jersey: Prentice-Hall.
- 1992 Jacobson, Norman M. *Instructor's Guide to Accompany "Structured Programming Using THINK Pascal on the Macintosh"*. Englewood Cliffs, New Jersey: Prentice-Hall.
- 1992 Review of *The Nurnberg Funnel: Designing Minimalist Instruction for Practical Computer Skill*. Social Science Computer Review, Winter 1992, 9(4).
- 1984 Lead writer and on-camera host of four half-hour "supplemental" episodes to the *New Literacy* TV series, covering BASIC programming. Broadcast for over 10 years.

#### **Invited Presentations and Commentary**

- 1998 Interviewed by, and quoted in, Irvine Spectrum News  
"The Y2K Problem," appearing on page 1
- 1998 Invited Panelist  
"Consumer Privacy Issues." 16th Annual Law Day Conference,  
Constitutional Rights Foundation of Orange County
- 1997 Invited Panelist  
"Internet Privacy Issues." 15th Annual Law Day Conference,  
Constitutional Rights Foundation of Orange County
- 1995 Invited Presentation  
"Through the Eyes of Scientists," a CAMP-sponsored conference
- 1994 Interviewed by, and quoted in, the Los Angeles Times  
"Getting Multimedia Up and Running," appearing on page 1,  
Business Section, Orange County Edition
- 1994 Invited Speaker  
Career Development Conference, sponsored by American Indian  
Science Institute in Computer Science
- 1993 Invited Presentation  
College Motivation Program for High School and  
Community College American Indian Students

1992	Interviewed by, and quoted in, Software Magazine "Is Your LAN Data Secure," Client/Server Computing Special Edition, May 1992
1990	Invited Presentation "Imaging Technology: Broad considerations of what it is and when to use it." 18 <sup>th</sup> Annual Art Libraries Society of North America Conference
1985	Invited Presentation "Exploring the Establishment of a National Kidney Dialysis Transplant Patient Database." Conference of End-Stage Renal Disease Networks

#### Service

##### **Donald Bren School of Information and Computer Sciences**

2004 – present	Member ex officio, Undergraduate Policy Committee Member, Marketing and Outreach Committee Member, Lecturer Performance Review Committee
2002 – present	Faculty Articulation Officer
1996 – 1998	
1985 – 1995	
2002 – 2005	Standardized Major Articulation for Transfer (SMART) program Creator; liaison to community colleges
2001 – 2002	Member, Computing Advisory Committee Member, Computing and Network Policy Committee
2001	Member, Search and Selection Committee for Director of Computing Member, Educational Policy Committee Task Force on Teaching Assistant Issues
2000 – present	Representative to the California State Intersegmental Major Preparation Articulated Curriculum Project (IMPAC)
2000 – 2001	Member, Educational Policy Committee
1989 – 2000	Faculty Advisor, UCI Student Chapter of the ACM
1992 – 1995	Assistant Chair for Undergraduate Affairs
1990 – 1995	Member, Committee on Undergraduate Policy

#### Other UCI entities

2001 – 2003	Panelist, Information Technology Panel, Physical Sciences Career Night
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1997 – 1998	Academic Advisor to Undecided/Undeclared Students Division of Undergraduate Education, UCI
1993	Member, Committee to Select Student Commencement Speakers
1992 – 1996	Grader, MATHCOUNTS regional & state competitions
1985 – 2001	Consulting systems analyst and programmer School of the Arts' Visual Resource Collection
 <b>External</b>	
1997 – 1998	Consultant, Education Technology Grant Amestoy Elementary School California Dept. of Education Technology Grant, \$22,925.00 over two years; grant was for equipment to provide computing to eight Amestoy classrooms. Assisted with grant proposal; consulted with principle investigators.

# **EXHIBIT B**

## PATIENTS ADMITTED BY DOCTOR BY DAY

## PHYSICIAN ADMITTING AND CENSUS

DATE-12/31/89

ADMISSION SUMMARY FOR

\*\*HMRA70\*

IN-PATIENT

PATIENTS ADMITTED BY DOCTOR BY DAY

## DAILY OCCUPANCY RATES

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
28	29	34	34	36	36	33	27	28	29	35	32	31	26	24	28	34	35	36	35	29	22	18	18	20	23	24	26	31	26	26	893
38%	39%	46%	46%	49%	49%	45%	36%	38%	39%	47%	43%	42%	35%	32%	38%	46%	47%	49%	47%	39%	30%	24%	24%	27%	31%	32%	35%	42%	35%	35%	39%

DOCTOR NAME	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
INVALID	4	2	3	1	2	4	2	1		6	2	1		4	2	3	1	1	3	2		2	2	4	1	3	5	3		64		
BEARD, JERIEL MD				1	1	1		1																					1	6		
GUENTHER, F C MD	1		2	1	3		1	1	1	2		3					1			1	1									18		
CONRAD, JEROME MD	1									1	1					1															6	
DESNOYERS, GAIL	2	2				2	1					2						2	1			1	1								17	
HUXOL, ROBERT DO	1		1	1	2			1	1			1		1	4	3	1	1	3	1									21			
PERRY, PATTI MD	1		2			2	1	2												1	1									11		
POTTER, DARRELL J				1	1					1																				3		
TRIEZENBERG, D MD	1	1			1				2			2				2														13		
PUSCZAK, GEORGE B	2		1			1											1				1	1	3	1					11			
RAMER, WILLIAM C				1									1	1							1								5			
REID, SUSAN M DO	1	1	2	2										1	1	2													13			
VANDEMARK, PETER	1	1	1		1			1	1	2		2				2	1		1	1	1	1						17				
WOLSCHLEGER, JOS	1	1	2	2				1	2		1				2	2			3	1	1	1	2	2	1			26				
MEKARU, KATHRYN MD	2					1	2				1	2	1	1	2							1	1	2	2	1			19			
GRAND TOTAL	12	8	9	8	10	14	8	4	7	11	13	2	13	6	4	13	7	9	12	9	3	5	4	8	7	5	10	10	8	8	3	250

## EXPECTED SOURCE OF PAYMENTS

## SUMMARY BY DOCTOR NAME

PAYMENT SOURCE	CARRY	ADMIT	DISCG	HOUSE	TOTAL	DAYS	DOCTOR NAME	PATIENTS	DAYS	TRANS	TOTAL	PER/CENT
MULTIPLE INSURANCE	1			1		1	BEARD, JERIEL MD	6	34	0	34	3.4
MEDICAID COINS		1	1		1	2	GUENTHER, F C MD	18	44	0	44	4.5
WORKMEN'S COMP I/P	1		1		1	1	CONRAD, JEROME MD	6	37	0	37	3.7
MEDICARE I/P	11	71	69	13	80	438	DESNOYERS, GAIL	17	34	0	34	3.4
MEDICAID I/P	6	48	50	4	53	161	HUXOL, ROBERT DO	21	95	0	95	9.6
BLUE CROSS I/P	5	35	37	3	39	142	PERRY, PATTI MD	11	22	0	22	2.2
COMMERCIAL I/P	41	36	5	41	124		POTTER, DARRELL J	3	13	0	13	1.3
SELF PAY I/P	1	6	6	1	7	22	TRIEZENBERG, D MD	13	27	0	27	2.7
SELF PAY O/P		1	1		1	1	PUSCZAK, GEORGE B	11	59	0	59	6.0
GRAND TOTAL	24	204	202	26	224	893	RAMER, WILLIAM C	5	29	0	29	2.9
							REID, SUSAN M DO	13	39	0	39	3.9
							VANDEMARK, PETER	17	99	0	99	10.0
							WOLSCHLEGER, JOS	26	137	0	137	13.9
							MEKARU, KATHRYN, MD	19	45	0	45	4.6
							GRAND TOTAL	186	714	0	714	

MEDICARE OVER 65 PATIENTS	DAYS	MEDICARE UNDER 65 PATIENTS	DAYS	MEDICAID PATIENTS	DAYS	DEATH STATISTICS PATIENTS	DAYS	NEWBORN OCCUPANCY RATE PATIENTS	DAYS	AVG%
70	384	10	54	24	46	4	14	46	95	34%

HIM  
NAT201MENU: MONTHLY REPORT MENU  
TITLE: Admission statistics reportMMRNTH  
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\*\* MROA96 \*\* INPATIENT ADMISSION SUMMARY FOR EXAMPLE HOSPITAL  
INPATIENT FOR DATE ENTERED 11/30/01

PAGE 1  
DATE 11/30/01

EXPECTED SOURCE OF PAYMENTS						SUMMARY BY ATTENDING PHYSICIAN					
PAYMENT SOURCE	CARRY	ADMIT	DISCG	HOUSE	DAYS	PHYSICIAN NAME	ADMISSIONS	DAYS	TRANS	TOTAL	PER/CENT
MEDICARE	9	26	30	5	198	ABRAMSON MD KEEVAN	11	126	0	126	27.0
MEDI-CAL	4	16	18	2	78	BROWN MD SANFORD	1	4	0	4	.9
SELF PAY	1	11	8	4	96	BUCKERFIELD MD C	3	22	0	22	4.7
INDUSTRIAL	2	1	3		7	DUMAS III MD FRED	3	42	0	42	9.0
CMS/MCMIP	2	1	2	1	20	EDWARDS MD JOHN	2	9	0	9	1.9
INSURANCE	2	4	6		13	GOODMAN MD MICHAEL	2	7	0	7	1.5
BLUE CROSS/BLUE SHLD		3	2	1	32	GUTNICK MD ERIC	8	33	0	33	7.1
ppo INSURANCE	2	8	10		22	HAHN MD DONALD	2	22	0	22	4.7
GRAND TOTAL	22	70	79	13	466	HUNIG MD JEFFERY	5	26	0	26	5.6
						KRAUT MD JEFFREY	5	16	0	16	3.4
						MAHON MD WILLIAM	9	14	0	14	2.2
						SCHIFF MD DAVID C M	10	64	0	64	13.7
						SWALLOW MD JAMES	5	43	0	43	9.2
						THOMAS MD DON	4	38	0	38	8.2
						GRAND TOTAL	70	466	466		
MEDICARE OVER 65		MEDICARE UNDER 65		MEDICAID NEWBORNS		DEATH STATISTICS				NEWBORN OCCUPANCY	
ADMISSIONS	ADMISSIONS	ADMISSIONS	ADMISSIONS	ADMISSIONS	ADMISSIONS	ADMISSIONS	ADMISSIONS	ADMISSIONS	ADMISSIONS	ADMISSIONS	
25	185	1	13	5	9				10	15	

MROA96 INPATIENT ADMISSION SUMMARY FOR EXAMPLE HOSPITAL  
INPATIENT

PAGE 2  
DATE 11/30/01

PATIENTS ADMITTED BY ATTENDING PHYSICIAN BY DAY FOR DATE ENTERED 11/30/01

DAILY OCCUPANCY RATES																																
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	
01	21	18	17	19	21	23	20	18	16	14	13	15	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	451		
39%	33%	31%	35%	39%	43%	37%	33%	30%	26%	24%	28%	28%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	%	28%		
PHYSICIAN NAME	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
ABRANSON MD KEEVAN	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11
BROWN MD SANFORD																															1	
BUCKERFIELD MD C																															3	
DUMAS III MD FRED																															3	
EDWARDS MD JOHN																															2	
GOODMAN MD MICHAEL																															2	
GUTNICK MD ERIC																															8	
HAHN MD DONALD																															2	
HUNIG MD JEFFERY																															5	
KRAUT MD JEFFREY																															5	
MAHON MD WILLIAM																															9	
SCHIFF MD DAVID																															10	
SWALLOW MD JAMES																															5	
THOMAS MD JOHNOR																															4	

A T I E N T

FROM DATE 1/01/2004 TO DATE 1/31/2004

TO DATE 1/31/2004

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ACTIVITY REPORT FOR - GOLDMAN AND GOLDMAN INC.

\*\* GMRY92

\*\* GMRY92 \*\*

**Y-T-D DETAIL BY PRIMARY PROCEDURE CODE**

\*\* GMRY92 \*\*

DIAGNOSIS				OPERATIVE EPISODES				P	I	R	S	H	I	D	I	S	T	DRG	PAY	PATIENT	
DIAG	DIAG	DIAG	DIAG	DAY	PROC	PROC	PROC	MEDICAL #	SURG	N	S	E	R	E	P	D	S	Y	CODE	TYPE	NUMBER
9974	5601	2765	E8788	56400	1	1	1	18903 99291	15291248751	11 1799 X 084Y W F 14 17  H 10	71	188	C	115590691							
5990	2765	2948	4019	1	1	1	1	18903 99211	15205872421	225  1013  1075Y W F 18 17  N 23	31	320	C	115621621							
46619	486	7990	1	1	1	1	1	18903 99211	829831	225  1013  1005Y W F 01 17  H 36	11	098	D	115629231							
4280	49121	8248	82301	E8859	1	1	1	18903 93541	15204482091	18 1799 X 060Y W F 15 31  N 10	91	127	C	115582931							
38680	2765	25063	3572	2724	1	1	1	18903	1	15204292211	225  1799  1063Y B F 09 17  H 23	31	065	F	115622791						
4139	41400	4019	7823	1	1	1	1	18903 99291	15234628751	225  250  1067Y W F 12 17  H 11	11	140	C	115639541							
94224	30590	94524	94427	E9240	1	1	1	18903 99291	14438402341	225  250  1021Y W M 13 17  H 23	61	510	B	115605391							
4280	496	42731	2948	71690	1	1	1	18903 99291	15201857241	11 1013  1079Y W F 13 17  N 10	101	127	C	115590021							
49121	78609	7242	41400	4019	1	1	1	18903 99291	15201804481	11 050  1081Y W M 21 17  H 10	41	088	C	115636401							
71942	71902	1	1	1	1	1	1	18903 99291	15334098611	225  1013 X 058Y R M 16 17  H 36	21	247	F	115644401							
53550	2765	041861	530111	2720	1	1	1	18903 9607 99291 5202416601	18 1050  1075Y W M 11 17  H 23	21	182	C	115646301								
42731	2724	1	1	1	1	1	1	18903 99291	15202680971	18 1799  1073Y W M 01 17  H 36	11	139	C	115651811							
# - 63	\$\$\$ -	8,828	COST-	4,767	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
INSERT GASTRIC TUBE NEC				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5789	5609	2765	2449	2819	1	1	1	196071	1	15202220831	50  1050  1083Y W F 17 31  H 10	31	174	C	115613051						
# - 1	\$\$\$ -	5,975	COST-	2,957	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CONT MECH VENT < 96 HRS				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
486	49121	51881	4280	2384	1	1	1	5 9671 9604 9607 5675893751	21  0211  1059Y W F 16 17  H 11	111	475	F	115496311								
1	1	1	1	1	1	1	1	18903 99291	1	1	80	1	1	1	1	1	1	1	1	1	1
# - 1	\$\$\$ -	45,133	COST-	24,265	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PACKED CELL TRANSFUSION				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2808	40391	4280	4386	7820	1	1	1	199041	1	15202671061	250  250  1089Y W F 13 31  H 10	31	395	C	115441601						
81201	4280	E88891	3569	2859	1	1	1	199041	1	15201621651	50  1050 X 082Y W F 13 17  S 10	71	253	C	115438811						
1	1	1	1	1	1	1	1	18903 99291	1	1	80	1	1	1	1	1	1	1	1	1	1
5070	5990	0389	99591	1129	1	1	1	199041	1	15204407021	50  1050  1078Y W F 09 17  N 10	71	079	C	115472881						
1	1	1	1	1	1	1	1	18903 99291	1	1	80	1	1	1	1	1	1	1	1	1	1
5772	2765	5771	2859	78701	1	1	1	199041	1	13954642221	250  1250 X 056Y W M 20 17  S 10	71	204	F	115490601						
1	1	1	1	1	1	1	1	18903 99291	1	1	11	1	1	1	1	1	1	1	1	1	1
998891	E87881	2859	1	1	1	1	1	199041	1	15204485611	13  1013  1058Y W M 19 17  H 10	31	453	F	115583431						
1	1	1	1	1	1	1	1	18903	1	1	18	1	1	1	1	1	1	1	1	1	1
2859	4280	57420	5533	41400	1	1	1	199041	1	13981414781	250  1250 X 092Y W F 06 31  H 10	21	395	C	115585091						
5789	2800	250001	3051	1	1	1	1	199041	1	15208480721	13  1013  1044Y R M 16 17  H 11	31	174	A	115618181						
1	1	1	1	1	1	1	1	18903 99291	1	1	225	1	1	1	1	1	1	1	1	1	1
998121	5990	V43641	E87811	2859	1	1	1	199041	1	15203442431	7991 799 X 068Y W F 00 17  S 36	51	452	C	115613961						
1	1	1	1	1	1	1	1	18903 99291	1	1	11	1	1	1	1	1	1	1	1	1	1
# - 8	\$\$\$ -	13,875	COST-	7,313	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
					ALL PATIENTS						PATIENTS BY AGE				VARIABLE IN			DEATHS			

HIM  
NAT20MENU: YTD REPORTS MENU  
TITLE: YTD procedure physician indexMRYTD  
Page 5.3

## Procedure Physicians Index - Detail

MR0P73  
Service Class: OP SERVICES  
Physician: GILSON OTTO AEXAMPLE MEMORIAL HOSPITAL  
MONITOR Physicians Performing Primary Procedures  
From: 01/01/00 Thru: 02/28/00Page: 1  
Date: 06/20/01

DIAGNOSIS				OPERATIVE EPISODES								P	C	A	R	S	T	I	D	T	S	PAY	PATIENT	CHART
												H	O	G	A	E	Y	I	I	T	TYP	NUMBER	NUMBER	
DIAG	DIAG	DIAG	DIAG	DIAG	DRG	DAY	PROC	PROC	PROC	PROC	SURG	N	S	E	C	X	P	S	S	A				
600.	599.83	788.31			000	1/13	5732				244	683	070	W M	2 01	1 M	3048741		27582					
																							SMITH ELMER	
597.81	595.3	599.7			000	1/13	5732				244	384	071	W F	2 01	1 M	3048761		22661				BAKER HENRIETTA	
600.	788.20	599.7	788.31		000	1/13	5732				244	386	087	W M	2 01	1 M	3049440		22567				CARTER SAMUAL	
599.7	302.72	607.89			000	1/13	5732				244	386	055	W M	2 01	1 C	3049444		31869				PETERSON NORMAN	
595.9	599.7				000	1/27	5732				244	81	050	W F	2 01	1 C	3049919		12654				ABBOTT MILLIE	
599.2	599.0				000	1/27	5732				244	14	070	W F	2 01	1 M	3049923		11354				ONEIL CARROLL D	
599.82	625.6				000	1/27	5972				244	384	076	W F	2 01	1 M	3049926		61525				DELUCA JUDY	
600.	788.31	302.72			000	1/27	5732				244	384	071	W M	2 01	1 M	3049941		31690				ROSS DOUG	
600.	599.7	788.31	790.93		000	2/10	5732				244	384	068	W M	2 01	1 M	3051365		21347				GELLER MONICA	
627.3	597.80	788.1			000	2/10	5732				244	386	065	W F	2 01	1 M	3051487		16470				GREENE RACHEL	
596.59	597.80	599.7			000	2/24	5732				244	384	017	W F	2 01	1 C	3052355		40286				XAVIER MARY N	
627.3	788.1	599.7	788.31		000	2/24	5732				244	683	056	W F	2 01	1 C	3052623		35103				CURTIS SARAH	
788.33	627.3	599.7			000	2/24	5732				244	386	080	W F	2 01	1 M	3052723		13617				JUTLEY BECKY	
627.3	599.0	788.1			000	2/24	5732				244	683	061	W F	2 01	1 B	3052814		13611				NOTTINGHAM SUE	
ALL PATIENTS				PATIENTS BY AGE								VARIABLE IN		DEATHS										
PROCEDURE PHYSICIAN				13 YEARS   14 YEARS   40 YEARS   65 YEARS   MALES  FEMLE																				
				& YOUNGER   TO 39 YRS   TO 64 YRS   & OLDER   %   %   AUTOPSIED PATS  CNSLT																				
				PATS DAYS AVG  PATS DAYS  PATS DAYS  PATS DAYS  PATS DAYS  TOTAL % TOTAL %  OPER																				
GILSON OTTO A				14 14 1.0  1 1 4 4  9 9 36 64  14																				

## EXECUTIVE SUMMARY

IN-PATIENT

FROM DATE-12/01/89

TO DATE-12/31/89

\*\* HMRE80 \*\*

DATE-3/14/90

EXECUTIVE SUMMARY FOR

PAGE-1

CLASSIFICATION OF PATIENTS					HOSPITAL PERFORMANCE INDICATORS							
			TOTAL ABSTRACTS (EXCLUDES STILLBORN)									
	TOTAL PATIENTS	TOTAL DAYS	Avg STAY	245								
GRAND TOTAL	245	988	4.0	245								
EXCPT NEWBORN	202	899	4.5	STILL BORN								
EXCPT NEWBORN, OB	155	798	5.1	AUTOPSIED								
RACE			DISPOSITION									
WHITE	TOTAL	PER		TOTAL PER								
BLACK	-	240	98	ALIVE 241 98								
ASIAN	-	5	2	HOME/SELF CARE 215 88								
AM INDIAN	-			AGAINST ADVICE								
HISPANIC	-			SHORT TERM HOS 8 3								
OTHER	-			SNF FACILITY 11 4								
INVALID	-			ICF FACILITY 2 1								
				OTHER FACILITY								
				HOME HEALTH 5 2								
SEX	TOTAL	PER		OTHER								
MALES	100	41		EXPIRED 4 2								
FEMALES	145	59		POST-OP								
ADMISSION	TOTAL	PER		DIED IN OR								
EMERGENCY	16	7		CORONERS CASE								
URGENT	84	34		OTHER DEATH 4 2								
READMIT				NEONATAL DEATHS								
REGULAR	145	59										
RE-ADMIT				DEATH RATES	DEATH RATES							
FROM ACUTE	2	1		GROSS 1.6	MATERNAL							
FROM SNF	8	3		NET 3.2	AUTOPSY							
THRU ER	85	35		INFANT								
OTHER	150	61										
EXPECTED SOURCE OF PAYMENTS					TOP TEN DRGS							
PAYMENT SOURCE	#PATS	PER	DOLLARS	CASE MIX	DESCRIPTION	COUNT	WEIGHT					
MULTIPLE INSURANCE	1		3,619.65	.8132	NORMAL NEWBORN	41	.2191					
MEDICAID COINS	2	1	1,900.05	.2589	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	34	.2987					
WORKMEN'S COMP I/P	1		878.80	.6501	SIMPLE PNEUMONIA & PLEURISY AGE >17 W CC	9	1.2056					
MEDICARE I/P	69	28	429,508.05	1.2236	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS AGE	8	.7414					
MEDICAID I/P	73	30	158,601.30	.6670	SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA	8	1.2260					
BLUE CROSS I/P	46	19	121,985.60	.7663	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS W CC	6	.8707					
COMMERCIAL I/P	44	18	111,501.30	.6321	APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG W/O CC	5	.7922					
SELF PAY I/P	8	3	18,162.65	.6153	ANGINA PECTORIS	5	.6387					
SELF PAY O/P	1		1,538.90	1.2056	CIRCULATORY DISORDERS W AMI & C.V. COMP DISCH ALIV	5	1.6228					
					NUTRITIONAL & MISC METABOLIC DISORDERS AGE 0-17	4	.6768					
					TOTAL CHOLECYSTECTOMY W/O C.D.E. W/O CC	4	.9865					
					TOTAL CHOLECYSTECTOMY W/O C.D.E. W CC	4	1.7378					
					HEART FAILURE & SHOCK	4	1.0169					
					OTHER ANTEPARTUM DIAGNOSES W MEDICAL COMPLICATIONS	3	.3759					
					VAGINAL DELIVERY W COMPLICATING DIAGNOSES	3	.4540					
TOTAL-			847,696.30	.83384								

T O T A L      H O S P I T A L      I N F O R M A T I O N      S O L U T I O N S

HIM  
NAT230MENU: MONTHLY REPORT MENU  
TITLE: Executive summary reportMRMNTH  
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## Executive Summary (Med/Surg)

MROEB0 EXAMPLE FACILITY PAGE 1  
 SERVICE CLASS: MEDICAL/SURGICAL INPATIENT EXECUTIVE SUMMARY 1/31/01  
 PATIENT CLASS: INPATIENT FROM 01/01/00 THRU 1/31/00 16.50.07  
 WITH SUMMARIZED HIGH DIAGNOSES AND PROCEDURES

CLASSIFICATION OF PATIENTS				HOSPITAL PERFORMANCE INDICATORS										
TOTAL	ADM	DSCH	DAYS AVG	TOTAL DIAGNOSED 158 C-SECTION RATE										
GRAND TOTAL	168	160	1016 6.4	(EXCLUDES STILLBORN)										
EXCPT NEWBORN	148	140	986 8.4	STILL BORN DELIVERED - 24										
EXCPT NB. OB	119	111	934 8.4	AUTOPSIED C-SECTIONS- 2										
				PERCENTAGE- 8.3										
RACE	TOTAL	%	DISPOSITION	TOTAL	%	OB/GYNCECOLOGY 29 52								
WHITE	-	159	94.6	OPERATED PATIENTS		PEDS (13 YRS & UNDER) 5 10								
BLACK	-		ALIVE	158	98.8									
ASIAN	-		HOME/SELF CARE	112	70.0	OPERATED 133 89.9								
AM INDIAN-			SHORT TERM HOSP	5	3.1	MORE THAN 1 EPISODE 30 *								
HISPANIC	8	4.8	SNF FACILITY	17	10.6	NEWBORN CIRCUMCISION 8 *								
OTHER	-	1	.6	ICF FACILITY	1	.6								
INVALID			OTHER FACILITY	13	8.1									
			HOME HEALTH	10	6.3									
SEX	TOTAL	%	AGAINST ADVICE	PATIENTS WITH CONSULTATIONS										
MALES	59	35.1	HOME IV PROVIDR											
FEMALES	109	64.9	OTHER	NUMBER 48										
				PERCENT 30.0										
ADMISSION	TOTAL	%	EXPIRED	2	1.3	LENGTH OF STAY DATA								
EMERGENCY	60	35.7	POST - OP											
URGENT	36	21.4	DIED IN OR											
ELECTIVE	52	31.0	CORONERS CASE	LESS THAN 1 DAY 1 OR 2 DAYS 3 TO 30 DAYS OVER 30 DAYS										
NEWBORN	20	11.9	OTHER DEATH	2	1.3	3	66 90 1							
RE-ADMIT	8	4.8	NEONATAL DEATHS											
PHYS REF	103	61.3												
CLINIC REF	2	1.2	DEATH RATES	DEATH RATES	DATA BY DAY									
HMO REF	3	1.8			ALL	MON	TUE	WED	THR	FRI	SAT	SUN		
TRFR FR HOS			GROSS	1.3	MATERNAL	GEOMETRIC MEAN	3.7	4.0	3.5	3.8	4.0	4.7	3.0	4.0
TRFR FR SNF			NET	.6	AUTOPSY									
TRFR FR OTH			INFANT			% ADMITTED ON	26.9	31.9	15.1	18.5	17.6	13.4	17.6	
THRU ER	60	35.7				% DISCHARGED ON	25.2	24.3	27.0	14.4	27.0	9.0	17.1	
COU						% OPERATED ON	18.0	19.0	11.2	13.2	18.0	10.2	10.2	
EXPECTED SOURCE OF PAYMENTS				HIGH DIAGNOSES		HIGH PROCEDURES								
PAYMENT SOURCE	PRINCIPAL	%	SECONDARY	%	DESCRIPTION	TOTAL	DESCRIPTION	TOTAL						
MEDICARE	48	28.6			LIVEBORN INFANT/TYPE BIRTH	20	PHYSICAL THER RESPIR THER REHA	21						
HMO MEDICAID	34	20.2	8	4.8	PNEUMONIA & INFLUENZA	8	REPAIR & PLASTIC OPER ON JOINT	12						
HMO	27	16.1	24	14.3	NORM DEL-OTH INDIC FOR CARE	8	INC/EXC & ANASTOMOSIS OF INTES	11						
COMMERCIAL INS.	26	15.5	14	8.3	COMP OCCUR MAINLY IN COURSE	8	OPR ON STOMACH	9						
STATE MEDICAID	9	5.4	8	4.8	OTHER DIS OF INTESTINES & PE	7	OTH PROC INDUC/ASSIST DEL	9						
BLUE CROSS	6	3.6	4	2.4	OTH DIS OF DIGESTIVE SYSTEM	7	OTHER OBSTETRIC OPERATIONS	8						
CHAMPUS	5	3.0	1	.6	COMP MAINLY REL TO PREGNANCY	7	DIAGNOSTIC RADIOLOGY	6						
SELF PAY	5	3.0			ARTHROPATHIES & RELATED DISO	6	OPR ON APPENDIX	5						
WORKMEN'S COMP	1	.6			DORSOPATHIES	6	OPR ON GALL BLADDER & BILIARY	5						
OTHER	1	.6			DISLOCATION	6	OTHER DIAGNOSTIC RADIOLOGY & R	5						

## PATIENT DAYS BY DOCTOR BY MONTH

SAMPLE REPORTS

IN-PATIENT

FROM DATE - 7/01/88

TO DATE 6/30/89

\*\*HMRAE7\*\*

DATE - 3/14/90

ADMISSION SUMMARY FOR

PAGE-1

## PATIENT DAYS BY DOCTOR BY MONTH

EXPECTED SOURCE OF PAYMENTS							SUMMARY BY DOCTOR NAME					
PAYMENT SOURCE	CARRY	ADMIT	DISCG	HOUSE	TOTAL	DAYS	DOCTOR NAME	PATIENTS	DAYS	TRANS	TOTAL	PER/CENT
*		3	3		3	14	BEARD, JERIEL MD	110	509	0	509	4.6
MEDICARE BAD DEBTS		7	7		7	33	GUENTHER, F C MD	229	671	0	671	6.1
CHAMPUS I/P		11	22		22	35	CONRAD, JEROME MD	100	391	0	391	3.5
BC-65		3	3		3	16	DESNOYERS, GAIL	239	597	0	597	5.4
MEDICAID COINS		3	3		3	12	HUXOL, ROBERT DO	226	854	0	854	7.7
COMMERCIAL-HOLD		2	2		2	7	PERRY, PATTI MD	262	695	0	695	6.3
PATIENT PAY CARE OP		3	3		3	12	POTTER, DARRELL J	90	429	0	429	3.9
COMMERCIAL/MEDICARE		3	3		3	41	TRIEZENBERG, D MD	263	725	0	725	6.6
BR CREDIT BUREAU		2	2		2	3	PUSCZAK, GEORGE B	189	954	0	954	8.6
WORKMEN'S COMP I/P		14	14		14	47	RAMER, WILLIAM C	153	524	0	524	4.7
MEDICARE I/P	10	922	920	12	930	4622	REID, SUSAN M DO	178	551	0	551	5.0
MEDICAID I/P	2	535	534	3	536	1680	VANDEMARK, PETER	211	1012	0	1,012	9.2
BLUE CROSS I/P	7	531	532	6	536	1680	WOLSCHLEGER, JOS	265	1167	0	1,167	10.6
COMMERCIAL I/P	4	426	426	4	430	1235	MEKARU, KATHRYN, MD	242	612	0	612	5.5
SELF PAY I/P	74	73	1	74	209		ADELBERG, MICHAEL MD	1	2	0	2	.0
MEDICARE O/P	1	1			1	2	KELLY, MICHAEL E	205	636	0	636	5.8
MEDICAID O/P	2	2			2	4	DUCKLES, EDWARD DO	18	76	0	76	.7
BLUE CROSS O/P	1	1		1	1		VIVODA, EDWARD MD	175	618	0	618	5.6
COMMERCIAL O/P	5	5			5	25	HENEKT, EDMOND R MD	3	11	0	11	.1
SELF PAY O/P	2	2			2	6						
GRAND TOTAL	23	2552	2548	27	2570	9611						
							GRAND TOTAL	3159	11,034	0	11,034	

MEDICARE OVER 65		MEDICARE UNDER 65		DEATH STATISTICS		NEWBORN OCCUPANCY RATE				
PATIENTS	DAYS	PATIENTS	DAYS	PATIENTS	DAYS	PATIENTS	DAYS	PATIENTS	DAYS	AVG*
875	4383	55	239	274	672	46	201	589	1423	43%

## PATIENT DAYS BY DOCTOR BY MONTH

## PHYSICIAN ADMITTING AND CENSUS

IN-PATIENT

FROM DATE - 7/01/88

TO DATE - 6/30/89

DATE- 3/14/90

ADMISSION SUMMARY FOR

PAGE-2

## PATIENT DAYS BY DOCTOR BY MONTH

\*\*HMRAE7\*\*

## MONTHLY OCCUPANCY RATES

OVERALL	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	GRAND TOTAL
	901	652	832	948	783	756	984	846	682	668	772	787	9611
	39%	31%	36%	43%	34%	34%	43%	7%	31%	29%	35%	34%	35%
DOCTOR NAME	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
BEARD, JERIEL MD	41	19	65	27	53	34	95	30	47	45	27	26	509
GUENTHER, F C MD	57	60	62	54	42	42	63	84	38	71	57	41	671
CONRAD, JEROME MD	42	18	17	33	16	60	45	39	34	33	35	19	391
DESNOCYERS, GAIL	37	59	21	44	53	49	94	42	57	44	55	42	597
HUXOL, ROBERT DO	77	54	107	63	56	72	82	36	72	93	57	85	854
PERRY, PATTI MD	41	61	58	96	81	42	60	42	50	47	58	49	695
POTTER, DARRELL J	61	14	31	36	33	12	31	53	42	30	53	33	429
TRIEZENBERG, D MD	114	64	77	29	35	58	78	78	55	27	59	51	725
PUSCZAK, GEORGE B	77	55	58	89	115	118	63	72	42	101	51	113	954
RAMER, WILLIAM C	64	23	73	43	54	19	20	72	52	16	47	31	524
REID, SUSAM M DO	39	57	37	45	36	36	93	51	40	32	39	46	551
VANDEMARK, PETER	93	73	96	108	87	59	131	96	44	66	77	82	1012
WOLSCHLEGER, JOS	119	96	54	162	90	162	73	83	86	43	92	107	1167
MEKARU, KATHRYN MD	64	28	55	44	49	38	73	60	60	38	57	46	612
ADELBERG, MICHAEL MD												2	2
KELLY, MICHAEL E	59	58	88	97	17	34	37	53	56	52	45	40	636
DUCKLES, EDWARD DO								40	36				76
VIVOLDA, EDWARD MD	29	32	55	81	70	31	55	46	33	36	78	72	618
HENEKT, EDMOND R MD					5							6	11
GRAND TOTAL	1014	771	954	1056	887	866	1133	973	808	774	907	891	11034

HIM  
NAT20MENU: YTD REPORTS MENU  
TITLE: YTD admissions by physicianMRYTD  
Page 18.2

FROM DATE - 11/01/00 TO DATE - 11/30/00

\*\* MROAE7 \*\* INPATIENT ADMISSION SUMMARY FOR EXAMPLE HOSPITAL  
INPATIENT PATIENT DAYS BY DOCTOR BY MONTHPAGE 1  
DATE 6/25/01

EXPECTED SOURCE OF PAYMENTS							SUMMARY BY PHYSICIAN					
PAYMENT SOURCE	CARRY	ADMIT	DISCG	HOUSE	TOTAL	DAYS	PHYSICIAN	PATIENTS	DAYS	TRANS	TOTAL	PER/CENT
MEDICARE	9	26	30	5	31	198	ALBERTON KAREN	13	96	0	96	22.0
MEDI-CAL	3	16	18	1	17	48	BROWN STEVEN	1	4	0	4	.9
SELF PAY	1	11	8	4	12	96	BAKERSFIELD CHUCK	4	22	0	22	5.0
INDUSTRIAL	2	1	3		3	7	DUMAT FRED	4	42	0	42	9.6
CMSP/MCMIP	2	1	2	1	3	20	BALLOTT JOHN	1	1	0	1	.2
INSURANCE	2	4	6		6	13	HOODMAT MICHAEL	2	7	0	7	1.6
BLUE CROSS/BLUE SHLD	3	2	1		3	32	GUDNING ERIC S	8	33	0	33	7.6
PPO INSURANCE	2	8	10		10	22	FAHN DONALD	2	22	0	22	5.0
							MAHAT WILLIAM	7	8	0	8	1.8
							SERENSON JEFF	2	6	0	6	1.4
							SCHELL DAVID	13	58	0	58	13.3
							WALLETT JAMES	5	43	0	43	9.9
							THOMAS RONALD	5	38	0	38	8.7
							WALLETT JOHN	4	8	0	8	1.8
GRAND TOTAL	21	70	79	12	85	436	GRAND TOTAL	85	436	0	436	
MEDICARE OVER 65		MEDICARE UNDER 65		MEDICAID NEWBORNS		DEATH STATISTICS		NEWBORN OCCUPANCY RATE				
PATIENTS	DAYS	PATIENTS	DAYS	PATIENTS	DAYS	PATIENTS	DAYS	PATIENTS	DAYS	Avg%		
29	185	2	13	6	9			11	15	6%		

HIM  
NAT20MENU: YTD REPORTS MENU  
TITLE: YTD admissions by physicianMRYTD  
Page 18.3

FROM DATE - 11/01/00 TO DATE - 11/30/00

\*\* MROAE7 \*\* INPATIENT ADMISSION SUMMARY FOR EXAMPLE HOSPITAL

PAGE 2

INPATIENT

DATE 6/25/01

## MONTHLY OCCUPANCY RATES

OVERALL	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	GRAND TOTAL
DOCTOR NAME	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
BAKERFIELD CHUCK											26		26
WALLETT JOHN											16		16
SCHELL DAVID											6		6
BALLOTT JOHN											12		12
SERENSON JEFF											10		10
THOMAS RONALD											9		9
ALBERTON KAREN											16		16
MAHAT WILLIAM											8		8

## SUMMARY BY HOSPITAL PAYMENT

## ACTIVITY REPORTS

IN-PATIENT

FROM DATE - 12/01/89

TO DATE 12/31/89

\*\*\*HMRE60\*\*\*

DATE - 3/14/90

ACTIVITY REPORT FOR

PAGE-1

## SUMMARY BY HOSPITAL PAYMENT

PAYMENT SOURCE	ALL PATIENTS			PATIENTS BY AGE				VARIABLE IN	DEATHS		CNSLT	
	PATS	DAYS	AVG	13 YEARS & YOUNGER	14 YEARS TO 39 YRS	40 YEARS TO 64 YRS	65 YEARS & OLDER		TOTAL	AUTOPSIED	PATS OPER	
B MULTIPLE INS.	1	4	4.0			1	4			\$\$\$ 3,619.65		1
D MEDICAID COINS	2	4	2.0	1	2	1	2			\$\$\$ 1,900.05		1
W WORKMEN'S COMP I/P	1	1	1.0			1	1		100			1
O MEDICARE I/P	69	446	6.5		2	10	5	28	62	408	38	25 22
1 MEDICAID I/P	73	239	3.3	32	86	31	118	10	35			40 1
2 BLUE CROSS I/P	46	141	3.1	11	24	20	48	15	69			21 9
3 COMMERCIAL I/P	44	125	2.8	14	31	18	43	11	47	1	4	22 3
4 SELF PAY I/P	8	27	3.4	2	3	4	7	2	17			3
5 SELF PAY O/P	1	1	1.0						1	1	100	
GRAND TOTALS-	245	988	4.0	60	146	76	228	45	201	64	413	41 114 35
										4 2		
										856,371.80		

HIM  
NAT230MENU: MONTHLY REPORT MENU  
TITLE: Print all activity reportsMRMNTH  
Page 1.4

## Summary By Hospital Payment (Financial Class)

FROM DATE - 1/01/00 TO DATE - 1/31/00 \*\* MROE60 \*\*  
 DATE - 6/27/01 ACTIVITY REPORT FOR - EXAMPLE MEMORIAL HOSPITAL PAGE - 1  
 GENERAL MEDICAL SUMMARY BY HOSPITAL PAYMENT

	ALL PATIENTS			PATIENTS BY AGE				VARIABLE IN		DEATHS			
PAYMENT SOURCE		13 YEARS	14 YEARS	40 YEARS	65 YEARS	MALES	FEMLE			AUTOPSTIED	PATS	CNSLT	
		& YOUNGER	TO 39 YRS	TO 64 YRS	& OLDER	%	%			TOTAL	%	TOTAL	%
		PATS	DAYS	Avg	PATS	DAYS	PATS	DAYS	PATS	DAYS	TOTAL	%	(OPER)
B BC/BS	3	5	1.7			3	5			67	33		
C COMMERCIAL INS	13	37	2.8	1	2	11	32	1	3	69	31		7
D MANAGED CARE/CONTR	4	7	1.8	1	1	2	5	1	1	75	25		1
F CHAMPUS/CHAMPVA/TRIC	1	1	1.0			1	1			100			
M MEDICARE	54	208	3.9			2	5	52	203	35	65	8	15
N MEDICAID	9	23	2.6	1	2	2	3	6	18	33	67		3
Z CHARITY (PENDING WO)	1	1	1.0			1	1			100			
GRAND TOTALS -	85	282	3.3	3	5	5	9	24	62	53	206	44	56
												8	9
												1	12
												27	1

## TRANSFER LIST

## MEDICAL RECORDS

IN-PATIENT

FROM DATE - 10/01/89 TO DATE - 12/31/89

DATE - 3/14/90

ACTIVITY REPORT FOR -

PAGE - 1

TIME - 16:54:41

TRANSFER LIST

\*\*HMRY15\*\*

NAME	ADMIT	DISCHARGE	H DAY	SURG	DIAGNOSIS										P	C	A	R	S	D	T	D	S	D	S	TRAN	PAY	PATIENT	
					H	O	G	A	E	D	Y	I	V	I	T														
					N	N	E	C	X	A	P	S	C	S	A	DAYS	N	S	E	T	E	P	D	H	Y				
HUGHSTON, GARRETT	10/01/89	10/01/89															12	00D	W	M	07	AO	T	80	1	3	3219995		
DAVIDSON, JAMES J	9/27/89	10/02/89			300																					385	95015		
ROBINSON, CANDY A	10/02/89	10/03/89			3 5794	INSERT INDWELLING C	25										25	74Y	W	M	15	UT	T	10	5	0	3219821		
BUSH, HERBERT L	9/28/89	10/05/89			1541	MALIGNANT NEOPL REC																			172	94718			
RIPLEY, MAX K	10/04/89	10/06/89			64123	PREM SEPAR PLAC-ANT											4	17Y	W	F	16	AO	T	76	1	1	3220209		
FULLER, VERN	10/01/89	10/09/89			5609	INTESTINAL OBSTRUCT											93	X 86Y	W	M	01	UT	N	10	7	0	3219854		
KANEHL, RUTH C	10/05/89	10/09/89			9962	HEART COUNTERSHOCK	18																		180	51863			
CARMICHAEL, CLARA B	10/08/89	10/09/89			2 9962	HEART COUNTERSHOCK	18																		238	53616			
KORYTKOWSKI, ARCHI	9/19/89	10/10/89			4271	PAROX VENTRIC TACHY																			138	61216			
BRUNNI, ELMER	10/04/89	10/11/89			486	PNEUMONIA, ORGANISM												9	83Y	W	M	22	US	N	10	8	0	3220134	
BROVICH, JOHN A	10/10/89	10/13/89			8604	OTHER SKIN & SUBQ I	6											6	X 92Y	W	F	12	US	N	58	4	0	3220498	
PICKELL, ILA P	10/11/89	10/13/89			73022	OSTEOMYELITIS NOS-U																			207	95195			
FULLER, VERN	10/09/89	10/17/89			5761	CHOLANGITIS												9	X 76Y	W	M	16	AO	N	10	21	0	3219193	
SCHIFFER, MARIE J	10/14/89	10/19/89			16 9904	PACKED CELL TRANS	9																		079	54674			
LUTERAN, GEORGE J	10/13/89	10/20/89			4824	STAPHYLOCOCCAL PH												1	9904	PACKED CELL TRANS	9					089	3220464		
REED, CHARLES	10/06/89	10/24/89			486	PNEUMONIA, ORGANI												10	85Y	W	M	18	UT	N	10	7	0	95089	
HUTSON, CLARK J	10/19/89	10/24/89			42789	CARDIAC DYSRHYTHM												18	88Y	W	M	00	US	N	10	3	0	3220811	
BRISTOL, EVA M	10/23/89	10/25/89			2 7935	OPEN REDUC-INT FIX	6												18	88Y	W	F	21	UT	N	10	2	0	3221165
					82021	INTERTROCHANTERIC																			416	53429			
					5794	INSERT INDWELLING																			197	79709			
					03842	E COLI SEPTICEMIA																			113	89429			
					3 5122	TOTAL CHOLECYSTEC	18												18	X 84Y	W	M	14	US	N	10	7	0	3221124
					57410	CHOLELITH W CHOLE																			122	75592			
					8417	ABOVE KNEE AMPUTA	24												64	72Y	W	M	12	AS	N	40	18	0	3220514
					7854	GANGRENE																			113	89429			
					41071	SUBENDO INFRC-INIT																			122	3221645			
					4349	CEREBR ARTERY OCC																			014	65540			

	ALL PATIENTS	PATIENTS BY AGE						MALES %	VARIABLE IN	DEATHS			AUTOPSIED TOTAL AVG	PATS OPER	CNSLT
		13 YEARS & YOUNGER PATS DAYS AVG	14 YEARS TO 39 YRS PATS DAYS	40 YEARS TO 64 YRS PATS DAYS	65 YEARS & OLDER PATS DAYS										
GRAND TOTAL	58 296 5.1	4 4	3 3	12 33	39 256	60							21	13	

TOTAL HOSPITAL INFORMATION SOLUTIONS

HIM  
NAT20MENU: MONTHLY REPORT MENU  
TITLE: Incomplete diagnosis reportMMRNTH  
Page 8.2

MROL71

Service Class: GENERAL MEDICAL  
Physician: MARTIN WILLIAMEXAMPLE MEMORIAL HOSPITAL  
MONITOR Incomplete Diagnosis ReportPage: 1  
Date: 06/27/01

OPERATIVE EPISODES										P	C	A	R	S	H	T	D	S	I	S	TRAN	PAY	PATIENT	
NAME	ADMIT	DISCHARGE	DATE	PROC	PROC	PROC	PROC	PROC	SURG	N	S	E	C	X	U	P	S	C	I	A	T	SFER	TYP	NUMBER
MOSES MARY KATHERINE	5/10/01	5/15/01								14		87	W	F	23	3	03	10		5	M		3092093	
SPRINTER HELEN	5/11/01	5/17/01								14		77	W	M	48	3	04	22		6	M		3092193	
ROGERS ANTONIETTA A	5/12/01	5/16/01								14		80	W	F	06	3	03	22		4	M		3092228	
LEWIS MARION AUDREY	5/14/01	5/23/01								14		79	W	F	13	3	03	43		9	M		3092390	
BENTON MARYANNA	5/18/01	5/21/01	5/18/9904							14	14	86	W	F	08	3	34	10		3	M		3092792	
			5/21/4523							77														
BADWELL GENEVIEVA	5/18/01	5/22/01								14		80	W	F	22	3	03	10		4	M		3092900	
GOSSETT JESSIE M	5/21/01	5/29/01	5/21/9904							14	14	86	W	F	21	3	01	10		8	M		3093101	
HOLTON ELLENA C	5/21/01	5/24/01	5/21/9904							14	14	85	W	F	21	3	03	43		3	M		3093103	
			5/23/4341 4523 4542							220														
BROWN CATHY MARIE	5/27/01	5/30/01								14		84	W	F	09	3	10			3	M		3093614	
	ALL PATIENTS			PATIENTS BY AGE						VARIABLE IN		DEATHS												
DISCHARGING DOCTOR				13 YEARS	14 YEARS	40 YEARS	65 YEARS			MALES FEMLE														
				& YOUNGER	TO 39 YRS	TO 64 YRS	& OLDER			%	%										AUTOPSIED PATS CNSLT			
	PATS	DAYS	AVG	PATS	DAYS	PATS	DAYS	PATS	DAYS												TOTAL	% TOTAL	% OPER	
MARTIN WILLIAM	9	45	5.0							9	45	11	89											31

# **EXHIBIT C**

**Goldman 1979 Medical Records Report Programs**

<u>Name</u>	<u>Layout</u>	<u>Description (Program name report prints)</u>
HMRA65	Daily Table	Census Days by Physician (HMRA90)
HMRA90	Daily Table	Census Days by Physician
HMRA95	Daily Table	Pts Admitted by Doctor by Day
HMRAE7	Monthly Table	Pt Days by Doctor by Month
HMRAEA	Monthly Table	YTD Census Days by Financial Class (HMRAE6)
	Monthly Table	YTD Census Days by Service Code (HMRAE6)
HMRAMS	Daily Table	Pts Admitted by Financial Class by Day (HMRA70)
	Daily Table	Pts Admitted by Service Code by Day (HMRA70)
HMRAS7	Monthly Table	Pts Admitted by Doctor by Month
HMRASA	Monthly Table	Y-T-D Admissions by Financial Class (HMRAS6)
	Monthly Table	Y-T-D Admissions by Service Code (HMRAS6)
HMRB50	Dx/Op Detail	Detail by Hospital Service Code
HMRBES	Pt Dx Listing	Census Days by Service Code
	Pt Dx Listing	Census Days by Financial Class
	Pt Dx Listing	Census Days by Physician
HMRBES	Pt Dx Listing	Detail by Admission Summary List
HMRE20	Listing	Summary by Location by Service by Physician
HMRE35	Listing	Summary of Selcted Diagnoses
HMRE36	Listing	Summary of Selcted Diagnoses (HMRE36)
HMRE37	Dx/Op Detail	Selected Admitting Diagnosis
HMRE38	Listing	Summary of Selcted Procedures
HMRE50	Pt Categories	Summary by Hospital Service
	Pt Categories	Summary by Financial Class
	Pt Categories	Summary by Physician
HMRE71	Pt Dx Listing	Incomplete Diagnosis Report
HMRERL	Log	ER Admission Errors
HMRY50	Dx/Op Detail	Activity - Detail by Service Code
HMRY80	Pt Dx Listing	Activity - Transfer List
	Pt Dx Listing	Activity - Left AMA List
	Pt Dx Listing	Activity - Readmitted List
	Pt Dx Listing	Activity - Detail Cancer List
	Pt Dx Listing	Activity - Detail Death List
	Pt Dx Listing	Activity - Detail Trauma List
	Pt Dx Listing	Activity - ER Admissions
MRRAMA	Daily Table	MTD Census Days by Financial Class (HMRA65)
	Daily Table	MTD Census Days by Service Code (HMRA65)
		Activity - Detail by Financial Class
		Activity - Detail by Physician

**Goldman 1989 Report Samples (the Greentree booklet)**

<u>Program</u>	<u>Layout</u>	<u>Name</u>	<u>Page</u>
DRG140	Other	30 Day Re-Admission List	6n
DRG150	Other	DRG Report by Physician (Medicare I/P)	8d,e
HCNB21	Other	Census by Adjustments (Nursing)	3c
HCNB22	Listing	Alphabetic Census Report (Nurses)	3a
HCNB28	Other	Doctor Census Report	2e
HCNBDN	Listing	Director of Nursing Census	3b
HLG030	Other	In-Patient Log Exception Report	6t
HLG032	Listing	In-Patient Report for Medicare I/P	6q
HLG033	Listing	In-Patient Unpaid List-Medicare I/P	6p
HLGDET	Other	Log Report	6o
HLGV10	Listing	Remittance Advice-Medicare I/P	6r
HMD032	Listing	Doctor Report by Doctor In-Patient Detail	8b
HMD051	Other	Doctor Report by Doctor In-Patient Summary	8c
	rpt missing	Patients Admitted by Service by Day	4b
HMRA55	rpt missing	Census Days by Hospital Service Code	4c
HMRA60	Daily Table	Patients Admitted by Financial Class by Day	5b
HMRA65	Daily Table	Census Days by Financial Class	5c
HMRA70	Daily Table	Patients Admitted by Dr by Day	2c
HMRA75	Daily Table	Census Days by Physician	2b
HMRAE5	Monthly Table	Y-T-D Census Days by Service Code	4a
HMRAE6	Monthly Table	Census Days by Financial Class	5a
HMRAE7	Monthly Table	Patient Days by Doctor by Month	2a
HMRBE5	Dx/Op Detail	Census Days by Service Code	4d
HMRBE6	Dx/Op Detail	Census Days by Financial Class-Medicare I/P	5d
HMRBE7	Dx/Op Detail	Census Days by Physician Admision Detail	2d
HMRDAY	Pt Categories	Daily Report of In-House Patients	6a
HMRE60	Pt Categories	Summary by Hospital Payment	6b
HMRE70	Pt Categories	Summary by Attending Dr	6c
HMRE72	Pt Categories	Summary by Surgeon	6d
HMRE80	Exec Summary	Executive Summary	1a
HMRE90	Pt Categories	Summary by DRG Code	6e
HMRP92	Dx/Op Detail	Detail by Primary Procedure Code	6i
HMRP93	Dx/Op Detail	Detail by Primary Diagnosis Code	6g
HMRP95	Dx/Op Detail	Detail by Selected Procedure Code	6j
HMRP96	Dx/Op Detail	Detail by Selected Diagnosis Code	6h
HMRP97	Dx/Op Detail	Detail by DRG Code	6k
HMRY10	Dx/Op Detail	Cancer Listing	7e
HMRY12	Dx/Op Detail	Death List	7d
HMRY13	Dx/Op Detail	Left AMA List	7c
HMRY15	Dx/Op Detail	Transfer List-Inpatient	7b
HMRY50	Dx/Op Detail	Detail by Service Code-Medicine	6l
		Detail by Financial Code	
		Detail by Physician	
HMRY60	Dx/Op Detail	Detail by Financial Class-Medicare I/P	6m
HMRY61	Dx/Op Detail	Incomplete Diagnosis Report - Medicare I/P	7a
HMRY70	Dx/Op Detail	Detail by Physician Code	6f

Goldman 1997 Medical Records Report Programs		
Name	Layout	Description
GCBNAD	Pt Listing 2	Discharges by Date
GCBNDD	Pt Listing 2	Admissions by Date
GLGV12	Pt Log	Log Error Listing
GMRA50	Daily Table	Patients Admitted by Service with Newborn
GMRA55	Daily Table	Census Days by Service With Newborn
GMRA60	Daily Table	Patients Admitted by Financial Class by Day
GMRA60	Daily Table	Patients Admitted by Financial Class by Day
GMRA65	Daily Table	Census Days by Financial Class
GMRA70	Daily Table	Patients Admitted by Physician by Day
GMRA75	Daily Table	Census Days by Physician by Day
GMRA80	Daily Table	Census Report [no breakdown]
GMRA85	Daily Table	Census Report - Daily Admissions by Type
GMRA87	Daily Table	Census Report - Daily Admissions by Nursery
GMRA88	Daily Table	Census Report - Daily Admissions by Type of Care
GMRAE5	Monthly Table	Y-T-D Census Days by Service with Newborn
GMRAE6	Monthly Table	Y-T-D Admissions by Financial Class
GMRAE7	Monthly Table	Y-T-D Census Days by Physician
GMRANES	Listing	Unbilled Patient Summary Report
GMRANEX	Listing	Unbilled Patient Detailed Report
GMRAS5	Daily Table	Y-T-D Admissions by Service with Newborn
GMRAS6	Daily Table	Y-T-D Admissions by Financial Class
GMRAS7	Daily Table	Y-T-D Admissions by Physician
GMRATF	Listing	Y-T-D Admissions by Time
GMRATFX	Listing	Y-T-D Admissions by Time by Day
GMRATM	Listing	Y-T-D Admissions by Time
GMRATTX	Listing	Y-T-D Admissions by Time by Day
GMRBER	Pt Listing	Detail Admissions by Emergency Room
GMRBLD	Listing	Detail Admissions by Transfusion
GMRBORD	Listing	Border Baby Detail
GMRBRD	Dx/Op Detail	Detail by Birth Defect
GMRBRPT	Listing	Bay to Mother Report
GMRCAN	Pt Listing	Y-T-D Detail by Cancer Report
GMRCCU	Listing	CCU Days by Patient
GMRDAY	Pt Listing	Daily Patient Census

**Goldman 1997 Medical Records Report Programs**

Name	Layout	Description
GMRDAYOLD	Pt Listing	Daily Patient Census
GMRDE5	Pt Dx Detail	Census Days by Service Code
GMRDE6	Pt Dx Detail	Census Days by Financial Class
GMRDE7	Pt Dx Detail	Census Days by Physician
GMRDER	Dx/Op Detail	Detail Admissions by Emergency Room No Charge
GMRDF5	Dx/Op Detail	Detail Admissions Incomplete by Service Code
GMRDF6	Dx/Op Detail	Detail Admissions Incomplete by Financial Class
GMRDF7	Dx/Op Detail	Detail Admissions Incomplete by Financial Class
GMRDF8	Dx/Op Detail	Detail Admissions by Physician
GMRE10	Listing	Y-T-D Planning Report [Employer by Service]
GMRE20	Listing	Y-T-D Planning Report [Service by Financial Class]
GMRE30	Planning Summary	Planning Report - Detail by Location by Primary Dx
GMRE30	Planning Summary	Planning Report - Summary by ZIP Codes
GMRE40	Listing	Y-T-D Discharge by ZIP
GMRE41	Listing	Y-T-D Discharge by ZIP by Resident/NonResident
GMRE50	Pt Categories	Y-T-D Summary by Service Code
GMRE60	Pt Categories	Y-T-D Summary by Financial Class
GMRE70	Pt Categories	Y-T-D Summary by Physician
GMRE72	Pt Categories	Y-T-D Summary by Surgeon
GMRE72	Pt Categories	Y-T-D Summary by Consultant (GMRE74)
GMRE80	Exec Summary	Executive Summary
GMRE80A	Exec Summary	Executive Summary by Admissions
GMRE81	Exec Summary	Executive Summary
GMRE82	Exec Summary	Executive Summary
GMRE85	Pt Categories	Summary by Zip Code List
GMRE8T	Exec Summary	Executive Summary without Transfers
GMRE90	Pt Categories	Y-T-D Summary by DRG
GMRE90X	Pt Categories	Y-T-D Summary by DRG - Revised
GMRE92	Other	Y-T-D Summary Procedure (of Top Procedures)
GMRE95	Pt Categories	Y-T-D Summary by CPT
GMRE97	Other	Y-T-D Summary by CPT (of Top CPT)
GMREER	Single Dx/Op Detail	E/R Patients Detail
GMRH70	Pt Categories	Y-T-D Summary by Attending Physician
GMRH80X	Exec Summary	Executive Summary - HIV/HIV Related

**Goldman 1997 Medical Records Report Programs**

Name	Layout	Description
GMRH80Z	Exec Summary	Executive Summary - HIV Related
GMRHIV	Pt Categories	Y-T-D Detail by HIV
GMRHRL	Listing	Y-T-D Detail by HIV Related
GMRICU	Listing	ICU Days by Patient
GMRLABC	Listing	Admissions by Lab Analysis
GMRLABE	Listing	Admissions by Lab Patients (GMRLABF)
GMRLABF	Listing	Admissions by Lab Patients
GMRMOTH	Listing	Detail Mother Report
GMRPHUC	Listing	PHU Analysis
GMRPHUF	Listing	PHU Analysis
GMRPHYP	Listing	Revenue by Physician
GMRPT	Listing	Pt Days by Patient
GMRPTC	Listing	P/T Analysis
GMRPTF	Listing	P/T Analysis
GMRS92	Two Col Listing	Summary of Procedures
GMRS93	Two Col Listing	Summary of Principal Diagnosis
GMRS94	Two Col Listing	Summary of DRG
GMRS95	Two Col Listing	Summary of (top) CPT
GMRS96	Two Col Listing	Summary of CPT; CPT by Physician (GMRS96X)
GMRS97	Two Col Listing	Y-T-D E/R Summary Report (of CPT Info)
GMRTMA	Pt Listing	Y-T-D Detail by Trauma Report
GMRTRN	Listing & Summary	Transfusion Report (HMRTRN) & Summary of Transfusion Related (HMRP96)
GMRY12	Pt Dx Detail	Y-T-D Cancer Listing (GMRY10)
GMRY12	Pt Dx Detail	Y-T-D Death Listing (GMRY12)
GMRY12	Pt Dx Detail	Y-T-D Left AMA Listing (GMRY13)
GMRY12	Pt Dx Detail	Y-T-D Trauma Listing (GMRY14)
GMRY12	Pt Dx Detail	Y-T-D Transfer Listing (GMRY15)
GMRY20	Dx/Op Detail	Y-T-D Patient Master Listing
GMRY50	Dx/Op Detail	Y-T-D Detail by Service Code
GMRY50U	Dx/Op Detail	Y-T-D Detail by Service Code
GMRY51	Dx/Op Detail	Y-T-D Detail by Service Code for Incomplete Diagnosis Codes
GMRY60	Dx/Op Detail	Y-T-D Detail by Financial Class
GMRY61	Dx/Op Detail	Y-T-D Detail by Financial Class for Incomplete Diagnosis Codes
GMRY70	Dx/Op Detail	Y-T-D Detail by Physician

**Goldman 1997 Medical Records Report Programs**

Name	Layout	Description
GMRY71	Dx/Op Detail	Y-T-D Detail by Physician for Incomplete Diagnosis Codes
GMRY72	Dx/Op Detail	Y-T-D Detail by Physician
GMRY72	Dx/Op Detail	Y-T-D Detail by Anesthesiologist
GMRY72	Dx/Op Detail	Y-T-D Detail by Surgeon
GMRY72	Dx/Op Detail	Y-T-D Detail by Consultant (GMRY74)
GMRY72	Dx/Op Detail	Y-T-D Detail by Mid-Level
GMRY72	Dx/Op Detail	Y-T-D Detail by Anesthesiologist
GMRY73	Dx/Op Detail	Y-T-D Detail by Surgeon Listing & Summary of Procedures
GMRY73	Dx/Op Detail	Y-T-D Detail by Consultant Listing & Summary of Procedures
GMRY73X	Dx/Op Detail	Y-T-D Detail by Consultant Listing & Summary of Procedures with Costs
GMRY73Y	Dx/Op Detail	Y-T-D Detail by Consultant Listing & Summary of Procedures with Costs
GMRY90	Dx/Op Detail	Y-T-D Tissue by Principal Procedure
GMRY90X	Dx/Op Detail	Detail by Selected Procedure Sub-Code & Summary
GMRY91	Dx/Op Detail	Detail by Selected Diagnosis Group & Summary
GMRY92	Dx/Op Detail	Y-T-D Detail by Primary Procedure Code & Summary
GMRY92X	Dx/Op Detail	Y-T-D Detail by Selected Primary Procedure Code & Summary
GMRY92Y	Dx/Op Detail	Y-T-D Detail by Selected Primary Procedure Code (no summary)
GMRY92Z	Dx/Op Detail	Y-T-D Detail by Selected Primary Procedure Code (no summary)
GMRY93	Dx/Op Detail	Y-T-D Detail by Primary Diagnosis Code
GMRY94	Dx/Op Detail	Y-T-D Detail by DRG Code
GMRY95	Dx/Op Detail	Y-T-D Detail by Selected Procedure Code & Summary
GMRY95X	Dx/Op Detail	Y-T-D Detail by Selected Procedure Code & Summary (GMRY95X)
GMRY96	Dx/Op Detail	Detail by Selected Diagnosis Code & Summary
GMRY97	Dx/Op Detail	Y-T-D Detail by Primary CPT Code & Summary
GMRY97Y	Listing	Y-T-D Detail by Primary CPT Code (no summary)
GMRY98	Dx/Op Detail	Y-T-D Detail by Selected Diagnosis Code
GMRY99	Dx/Op Detail	Y-T-D Detail by Selected CPT Code & Summary
GMRYDT	Listing	Detail Medical Records Charts
GMRYIN	Listing	Detail Insurance Filings
GMRYIX	Listing	Detail Insurance Filings
GMRYTD	Listing	Detail Patient Room Errors

Goldman Report Type	HMS Oracle EISNC Programs	Date Written	Chapter / Pages	Report Name	Program Revision Date	Goldman Manual	Name	Page	Program	Notes	Goldman 1979	Goldman Manual	Name	Page	Program	Notes	Goldman 1986 - AS/400	Goldman 1997 - Y2K
Daily Table	MROA75 Pts Admitted by Service by Report	not given (first revision 1/29/86)	MRNANTH 20.3	Inpatient Admission Summary by Service Code	MROA75	5/02											GMRAS0	Census Days by Service With Newborn Report
Daily Table	MROA95 Admissions Summary Report	6/9/83		Inpatient Admission Summary by Physician	MROA96	5/02											GMRAT0	Patients Admitted by Physician by Day
Daily Table	MROA96 Report Admissions Summary by Financial Class	6/9/83	MRNANTH 20.2	Attending Physician Y-T-D Census Days by Financial Class	MROAE6	8/01	HMRAEA									GMRAE6	Y-T-D Admissions by Financial Class	
Monthly Table	MROAE6	2/17/86	MRYTD 17.2	Financial Days by Patient Days by Month	MROAE7	8/01	HMRAE7									GMRAE7	Y-T-D Census Days by Physician	
Monthly Table	MROAE7 YTD Physicians Summary	2/17/86	MRYTD 18.2-3	Doctor by Month	MROAE7	2/a	HMRAE7									GMRAE8	Y-T-D Census Days by Service with Newborn	
Monthly Table	MROAE8 YTD Admissions Summary by Hosp. Service Code P. info by DRG (from Work File)	2/17/86	MRYTD 16.2	Patient Selection by Service Code	MROAE8	8/01	HMRAEA									GMRAT0	Y-T-D Trauma Listing (GMRAT0)	
—	MROD13 YTD Cancer Listing	2/19/86	MRSEL 9.2-3	Patient Origin Report	MROD13	8/01										GMRD12	Y-T-D Cancer Listing (GMRD10)	
Dr/OP Detail	MRD10 YTD Cancer Listing	2/11/86	MRYTD 15.2	Detail Origin Listing	MROE10	8/01										GMRD12	Y-T-D Trauma Listing (GMRD14)	
Dr/OP Detail	MRD15 W/ Totals	1/20/86	MRYTD 21.2	Tissue Listing - Summary	MROE15											GMRD12	one DX per pt rather than multiple	
Dr/OP Detail	MRD30 YTD Trauma Listing	2/11/86	MRNANTH 16.2	Inpatient Detail Trauma Listing	MROE30	8/01										GMRD12	Tissue of Prin Proc 71.9 HMRY90	
Dr/OP Detail			MRYTD 13.2	Trauma Listing	MROE30	8/01										GMRD12	one DX per pt rather than multiple	
Dr/OP Detail	MRO35 Disease Index for Selected Dx	2/13/86	MRSEL 1.2-3	Disease Index /Summary of Selected Diagnoses	MROE35	8/01	HMR35									GMRD50	Y-T-D Summary by Service Code	
Dr/OP Detail	MRD38 YTD Operative Index by Selected Procedure	2/13/86	MRSEL 2.2	Operative Index /Summary of Selected Procedures	MROE38	4/05	HMR38									GMRD50	Y-T-D Summary by Service Code	
Dr/OP Detail	MRD40 YTD Death Report	2/10/86	MRNANTH 1.0	Detail Death listing	MROE40	7/04										GMRD50	Y-T-D Summary by Service Code	
Dr/OP Detail	YTD Summary by Hospital Service	2/10/86	MRNANTH 1.5	Detail Death listing	MROE40	8/01									GMRD50	Y-T-D Summary by Service Code		
Pt Categories	MROE50	MRNANTH 1.4.2	Detail Death listing	MROE40												GMRD60	Y-T-D Summary by Financial Class	
Pt Categories		MRNANTH 1.4.2	Summary by Hospital Service	MROE50	7/04	HMR50										GMRD60	Y-T-D Summary by Financial Class	
Pt Categories	MROE50	MRNANTH 1.2	Summary by Hospital Service	MROE50	8/01											GMRD60	Y-T-D Summary by Financial Class	
Pt Categories		MRNANTH 1.3.2	Summary by Hospital Service	MROE50	8/01											GMRD60	Y-T-D Summary by Financial Class	
Pt Categories	MROE50	MRNANTH 6.2	Summary by Hospital Payment	MROE50	8/01											GMRD60	Y-T-D Summary by Financial Class	
Pt Categories		MRNANTH 1.4.3	Summary by Hospital Payment	MROE60	7/04	HMR60										GMRD60	Y-T-D Summary by Financial Class	
Exec Summary	MROE80 YTD Executive Summary	2/10/86	MRNANTH 1.11	Inpatient Executive Summary Med/Surg	MROE80	7/04										GMRD80	Executive Summary	
Exec Summary		MRNANTH 1.1.12	Inpatient Executive Summary Psych	MROE80	7/04											GMRD80	Executive Summary	
Exec Summary	MROE80	MRNANTH 12.3	Inpatient Executive Summary Med/Surg	MROE80	7/04											GMRD80	Executive Summary	
Exec Summary		MRNANTH 12.4	Inpatient Executive Summary Psych	MROE80	7/04											GMRD80	Executive Summary	
Exec Summary	MRYTD	MRYTD 12.3	Inpatient Executive Summary Med/Surg	MROE80	7/04											GMRD80	Executive Summary	
Dr/OP Detail	MRD90 YTD Summary by Proc. W/ Totals	1/20/86	MRMNTH 4.2	Operative Index - Summary	MROE90	8/01										GMRD90	Executive Summary	
Dr/OP Detail		MRYTD 2.2	Operative Index - Summary	MROE90	8/01											GMRD90	Executive Summary	

Report Type	Goldman Number	HMS DRG/Stat Programs			HMS Manual			Goldman Manual			Goldman 1997			Goldman 1997-Y2K		
		Report	Date Written	Chapter	Pages	Report Name	Program	Revision Date	Name	Page	Program	Notes	Program...	Goldman AS/400	Report	
Dx/OP Detail	MROE91	Activity Detail by Primary Diagnosis	1/18/86	MRMNTH	1.8	Disease Index	MROE91	7/04								
Dx/OP Detail				MRMNTH	3.2	Disease Index - Detail MROE91		8/01								
Dx/OP Detail				MRYTD	8.2	Disease Index -										
Dx/OP Detail	MROE92	YTD Detail by Proc.	2/10/86	MRYTD	9.2-3	Operative Index -	MROE91	8/01								
Dx/OP Detail	MROE93	Detail Disease Index	2/11/86	MRYTD	1.2	Disease Index-Summary	MROE92	8/01								
Dx/OP Detail	MROL11	Detail Disease Letters	6/13/88	MRMNTH	1.6	Physician's Index - Summary	MROL70	7/04								
Pt Categories	MROL70	Attending Physician Activity Summary by	1/17/86	MRMNTH	5.2	Physician's Index - Summary	MROL70	8/01								
Pt Categories				MRYTD	3.2	Physician's Index - Summary	MROL70	8/01								
Pt Categories					Incomplete Diagnosis	Incomplete Diagnosis	MROL71	8/01								
Pt Dx Detail	MROL71	Incomplete Diagnosis Listing	3/12/86	MRMNTH	8.2	Referring Physician's Index - Summary	MROL71	8/01								
Pt Categories	MROL72	Activity Summary by Referring Physician	1/17/86	MRMNTH	6.2	Referring Physician's Index - Summary	MROL72	8/01								
Pt Categories				MRYTD	4.2	Referring Physician's Index - Summary	MROL72	8/01								
Pt Categories	MROL73	Activity Summary by Physician Performing Primary Procedure	not given (first revision 5/4/93)	MRMNTH	7.2	Procedure Physician's Index - Summary	MROL73	8/01								
Pt Categories				MRYTD	5.2	Procedure Physician's Index - Summary	MROL73	8/01								
--	MROM32	Purge Abstract Report Activity Summary by Hospital Service	6/27/88	MRFILEZ	21.2.4	Purged Abstract Report	MROM32	6/03								
Dx/OP Detail	MROP50		1/15/86	MRMNTH	1.3	Detail by Hospital Service	MROP50	7/04								
Dx/OP Detail	MROP60	Activity Summary by Payment Code	1/16/86	MRMNTH	13.3	Detail by Hospital Service	MROP50	8/01								
Dx/OP Detail	MROP70	Detailed Activity by Attending Physician	1/17/86	MRMNTH	1.5	Detail by Hospital Payment	MROP60	7/04								
Dx/OP Detail	MROP72	Detailed Activity by Referring Physician	1/17/86	MRMNTH	14.2	Detail by Hospital Payment Source	MROP60	8/01								
Dx/OP Detail	MROP73	Activity Summary by Physician Performing Primary Procedure	5/4/93	MRMNTH	1.7	Physician's Index - Detail	MROP70	7/04								
Dx/OP Detail				MRYTD	5.3	Physician's Index - Detail	MROP70	8/01								
Dx/OP Detail				MRMNTH	3.3	Physician's Index - Detail Report	MROP70	8/01								
Dx/OP Detail				MRYTD	4.3	Referring Physician's Index - Detail	MROP72	8/01								
Dx/OP Detail					7.3	Procedure Physician's Index - Detail	MROP73	8/01								
Dx/OP Detail				MRYTD	5.3	Procedure Physician's Index - Detail	MROP73	8/01								
--				DEFMNU	23.20.2	Purged Chart Deficiency List	MROP95	5/02								
--				MRDNL	20.2	Dental Tracking Purged Record List	MROP96	4/01								
--	MROR01	High Diagnoses Listing	6/23/86	MRYTD	10.2	High Diagnosis	MROR01	8/01								
--	MROR02	High Procedure Listing	6/23/86	MRYTD	11.2	High Procedure Listing	MROR02	8/01								

Substantially Similar Reports and the Programs that Produce Them									
Goldman Report Type	HMS PROJECTS: Programs	Date Written	Chapter	Pages	HMS Manual Report Name	Program	Revision Date	Goldman Name	Goldman Manual Page
-	MROR03 Charges per Dx Procedure	7/3/86	MRYTD	10.3	Charges per Diagnosis	MROR03	8/01		
-	MROR04 Charges by Procedure Report	7/3/86	MRYTD	11.3	Charges per Procedure	MROR04	8/01		
-	MROR05 Moonther Rpt for Pts Admitted by Doctors not on Staff	7/8/86			Deficiency Codes	MROR07	5/02		
-	MROR07 List Deficiency Codes	12/8/87	DEFMNU	23.9.2	Deficiency Codes	MROR08	9/02		
-	MROR08 List Denial Codes	6/14/02	MEDNL	13.2	List Reason Codes	MROR08			
-	MROR11 Print Deficiency Letters	6/7/88			Consulting Physicians Report	MROR12	8/01		
-	MROR12 Consulting Physicians Report	4/1/88	MRYTD	20.2	Selected Consulting Physicians Report	MROR13	8/01		
-	MROR13 Selected Consulting Physicians Report	4/1/88	MSEL	7.2	Selected Surgeon	MROR14	8/01		
-	MROR14 Selected Consulting Surgeon Report	4/1/88	MSEL	8.2	Report	MROR14			
-	MROR15 Released Charts Report	5/5/88							
-	MROR16 Returned Report	5/5/88							
-	MROR17 Charts Released/Overdue Report	5/5/88							
-	MROR18 Frozen Charts Report	5/5/88							
-	MROR19 Requested Charts Report	5/5/88							
-	MROR20 Admissions Register Report	not given			MRMNTH	18.2			
-	MROR21 Returned Charts Report	5/5/88			MRMNTH	18.3			
-	MROR22 Chart Deficiency Listing	6/14/88							
-	MROR23 Deficiency Letters & Report	2/5/92							
-	MROR24 Deficiency Report Setup Letter	not given			DEFMNU	6.5-6	Letter Selection Edit	MROR24	8/01
-	MROR25 Deficiency by Patient	not given			DEFMNU	7.5	Letter Selection Summary	MROR25	7/97
-	MROR26 Deficiency Chart Report	not given			DEFMNU	6.7	Letter Selection - Summary	MROR26	8/01
-	MROR27 Deficiency Chart Aging Report	2/28/02	DEFMNU	7.5	Letters - Summary	MROR27	7/97		
-	MROR28 Deficiency Chart Aging Chart Status Location	3/1/02	DEFMNU	13.4	Deficient Chart Report	MROR27	5/02		
-	MROR29 Chart Status Location Listing	2/21/98	MSEL	14.4	Deficient Chart Aging Report	MROR28	4/05		
-	MROR30 Chart Status Location Listing	1/21/98			Chart Status Listing	MROR30	8/01		
-	MROR31 Reconsideration of Review Listing, Prelim. Review to Reconsideration of Review	5/20/88	MEDNL	4.2	Preliminary Review Report	MROR31	4/01		
-	MROR32 Listing, Reconsideration to Appeal Reconsideration of Review	5/23/88	MEDNL	5.2	Appeal Due Listing	MROR32	4/01		
-	MROR33 Listing, Appeal to Reconsideration Determination	5/23/88	MEDNL	6.2	Final Appeal Date Listing by Reason for	MROR33	4/01		
-	MROR34 Reasons for Review Report	5/23/88	MEDNL	10.2	Review	MROR34	4/01		

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Report

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Substantially Similar Reports and the Programs that Produce Them									
Goldman Report Type	Number	HMS DRG/ESR Programs	Date Written	Chapter/Pages	HMS Manual	Program	Notes	Goldman Manual	Goldman
		Report			Report Name			Name	9/979
-	MRO35	Reason for Review Trend Analysis	5/25/88	MRDNL	9.2	Trend Analysis Denied Claims by Payor	MRO35	4/01	
-	MRO36	Denied Claims by Payor	2/22/01	MRDNL	11.2	Trend Analysis Denied Claims by Payor	MRO36	4/01	
-	MRO37	FL HCCB Case Mfr Report	3/23/92						
-	MRO38	Print Master File	11/14/88						
-	MRO39	Denials Detail List	5/11/89	MRDNL	3.2	Denied Claims Report	MRO39	4/01	
-	MRO40	Deficiencies by Doctor	5/12/89						
-	MRO41	Charts Reviewed by Doctor	5/24/89	MRDNL	8.2	Charts Reviewed by Physician	MRO41	4/01	
-	MRO42	Chart Deficiencies by Pt Number	5/25/89						
-	MRO43	CPT Code File Listing	12/22/88	MRFEL2	20.4.2	CPT Code Listing	MRO43	5/02	
-	MRO44	Pt Class Codes & Descriptions	6/1/90	MRFEL2	20.2.1	Patient Class Codes	MRO44	7/04	
-	MRO45	Deficiencies for Single Pt	1/21/92	DEFMNU	4.3	Patient List Deficiencies by	MRO45	7/04	
-	MRO46	Deficiencies by Responsibility Type	1/27/92	DEFMNU	3.3-4	Patient List Deficiencies by Responsibility	MRO46	7/04	
-		Deficiencies by Responsibility Type by Various Selections	7/1/92	DEFMNU	5.4	Unresolved Deficiencies by Responsibility	MRO47	7/04	
-	MRO47	Deficiencies for Single Pt	4/7/03	MRFEL2	20.7.2	Disease Categories	MRO48	5/02	
-	MRO48	Deficiencies by Responsibility Type by Various Selections	4/8/03	MRFEL2	20.1.2	DSM IV Diagnosis Codes	MRO49		
-	MRO49	List DSM4 Rx Codes	12/8/92						
-	MRO50	Print Release Form	9/17/97						
-	MRO51	Psych Hospital Attestation	2/9/93						
-	MRO52	Print Release Form	1/23/02						
-	MRO53	Print Admissions Register	2/5/90	MRWANTH	9.2	Outpatient Incomplete Diagnosis List	MRO53	8/01	
-		Returned Charts List	1/6/98	MRCHRT	5.3-6	Pending Request Worklist	MRO54		
-	MRO57	Returned Chart Listing	1/6/98	MRCHRT	6.3-6	Overdue Listing Worklist	MRO53		
-	MRO573	Returned Chart Listings	1/6/98						
-	MRO574	YTD Operative Index by Selected CPT Procedure Coder/Finalizer	2/8/02	MRCHRT	8.3-5	Returned Listing CPT Index/Summary	MRO574		
-	MRO58	Productivity Report	4/8/32	MRSEL	2.3-4	of CPT Codes	MRO58	4/05	
-	MRO59	Inpatient Zero Discharge Date List	8/22/03	MRSEL	14.2-3	Productivity Report Code/Finalizer	MRO59	7/04	
-	MRO61	Company List Abstract	10/15/90						
-	MRO62	Ins. Pt. with no Ins.	11/14/90						
-	MRO63	FL Reporting for Ambulatory Surgery	11/14/90						
-	MRO64	Admissions Register List	1/3/91						
-	MRO66	Abstract with Invalid ADM Physician	8/21/85	MRWANTH	19.2	Outpatient Registration List by Financial Class	MRO66	8/01	
-	MRO67		2/20/91	MRWANTH	19.3	Outpatient Registration List by Patient Number	MRO66	8/01	

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Goldman Report Type	Number	HMS DRG/ESRC Programs			HMS Manual			Goldman Manual			Notes	Program	Report
		Date Written	Chapter	Pages	Report Name	Program	Revision Date	Name	Page	Program			
-	MRO68	NC State Reporting File Report	4/3/91										
-	MRO69	NC State Reporting File List	4/8/91										
-	MRO70	NC State Reporting File Abstracts in Age Sequence	4/16/91										
-	MRO71	Pt Readmission Listing	5/10/91	MRSSEL	10.2	Readmitted Patients List	MRO71	9/02					
-	MRO72	Abstracts in Age Sequence	10/9/92	MRSSEL	11.2	Selected Age Patient Listing by	MRO72	8/01					
-	MRO73	Pt List Admissions by Service Class	7/2/93	MRSSEL	12.3	Patient Listing by Service Class	MRO73	8/01					
-	MRO74	Pt List Discharges by Service Class	7/2/93										
-	MRO75	List Rehab Impairment Groups w/ Dx and HSV Refs.	10/18/94										
-	MRO76	U/I Rehab Impairment Groups w/ Linked Dx Codes	10/18/94	MRFILE	11.12.2	UDS Impairment Groups/ Associated Codes	MRO76						
-	MRO77	List Rehab Impairment Codes	10/18/94	MRFILE	11.11.2	UDS Impairment Codes	MRO77						
-	MRO78	Ambulatory Surgery NC State Reporting File	3/23/94										
-	MRO79	NC State Reporting File MRFILE	3/28/94										
-	MRO80	Chart Number Listing Report	7/24/95	MRFILE2	20.6.2	CMS Case Mix Index Patient Chart Number Listing	MRO83	4/05					
-	MRO80	YTD by Hospital Service Code	2/1/86	MRSSEL	4.2	Detail by Service Code	MRO80	5/02					
Dx/Op Detail	MRO80	YTD by Financial Class	2/1/86	MRSSEL	5.2	Detail by Financial Class	MROY60	8/01					
Dx/Op Detail	MRO80	YTD by Attending Physician	2/1/86	MRSSEL	3.2	Physician's Index	MROY70	8/01					
Dx/Op Detail	MRO70		MRFILE2	20.3.2	Hospital Service Codes	MR1P04							
-	-	Unresolved	DEFMNU	21.4	Deficiency Summary	MR3R14	7/04						
-	-	Medical Records User	MRFILE2	20.8.2	Listing	MROR81	5/02						
-	-	Release of Information Detail	MRBNTH	13.B	Leave of Absence History	PAR09	6/03						
-	-	Bill Selection Error	MRBNTH	17.2	Bill Selection Error	PAOR26	12/02						
-	-	ICD-9 Procedure Descriptions	MRBNTH	21.3..5	ICD-9 Procedure Descriptions	PROR24	5/02						
-	-	PROR20	MRFILE2	20.5.2	Descriptions	PROR20	12/02						
-	-	Case Mix Index by DRG	DRGMNU	1.2	Case Mix Index by DRG	DRG106	7/04						
-	-	Physician Profile by DRG	DRGMNU	4.2	Physician Profile by DRG	DRG120	4/01						
-	-	Physician Cost Analysis by DRG	DRGMNU	5.2	Physician Cost Analysis by DRG	DRG111	4/01						
-	-	Physician Cost Analysis by DRG - Summary	DRGMNU	5.3	Physician Cost Analysis by DRG - Summary	DRG112	4/01						
-	-	Physician Analysis by DRG	DRGMNU	6.2..3	Physician Analysis by DRG	DRG100	4/01						
-	-	DRG Analysis by DRG	DRGMNU	7.2..3	DRG Analysis by DRG	DRG103	4/01						
-	-	Physician Analysis by DRG	DRGMNU	8.2..3	Physician Analysis by DRG	DRG107	4/01						



**HMS Medical Records Report Programs**

Number	Report	AUTHOR/Converted-	Changed by	Date Written	Notes
MROA75	Pts Admitted by Service by Date	GIVENS	not given	6/9/83	
MROA95	Admissions Summary Report	GIVENS		6/9/83	"Attending Physician" rather than "Doctor Name"
MROA96	Admissions Summary Report	GIVENS			
MROAE6	Admissions Summary by Financial Class	Milkwick		2/17/86	
MROAE7	YTD Physicians Summary	Milkwick		2/17/86	
	YTD Admissions Summary by Hosp. Service Code	Milkwick		2/17/86	
	Pt Info by DRG (from Work File)	Amm		2/19/86	
	YTD Cancer Listing	Milkwick		2/11/86	
MROE15	YTD Summary by Proc. w/ Totals	not given		1/20/86	
MROE16	YTD Planning Report	Milkwick		2/11/86	
MROE30	YTD Trauma Listing	Milkwick		2/11/86	
MROE35	Disease Index for Selected Dx	Milkwick		2/13/86	
MROE38	YTD Operative Index by Selected Procedure	Milkwick		2/13/86	
MROE40	YTD Death Report	Milkwick		2/10/86	
MROE50	YTD Summary by Hospital Service	Milkwick		2/10/86	
MROE60	Summary by Payment Code (Financial Class)	Milkwick		2/10/86	
MROE80	YTD Executive Summary	Milkwick		2/10/86	
MROE90	YTD Summary by Proc. W/ Totals	Milkwick		1/20/86	Updated version of MROE15
MROE91	Activity Detail by Primary Diagnosis	Milkwick		1/18/86	
MROE92	YTD Detail by Proc.	Milkwick		2/10/86	
MROE93	Detail Disease Index	Milkwick		2/11/86	differs from MROE91 in format
MROL11	Deficiency Letters	REID		6/13/88	
MROL70	Activity Summary by Attending Physician	Milkwick		1/17/86	
MROL71	Incomplete Diagnosis Listing	Milkwick		3/12/86	

HMS Medical Records Report Programs		AUTHOR/Converted-	Date Written	Notes
Number	Report	Changed by		
MROL72	Activity Summary by Referring Physician	Milkwick	1/17/86	
MROL73	Activity Summary by Physician	LOGAN	not given (first revision 5/4/93)	
MROM32	Performing Primary Procedure	REID	6/27/88	
	Purge Abstract Report			
	Activity Summary by Hospital	Milkwick	1/15/86	
MROP50	Service	Milkwick	1/16/86	
MROP60	Activity Summary by Payment Code	Milkwick	1/17/86	
MROP70	Detailed Activity by Attending Physician	Milkwick	1/17/86	
MROP72	Detailed Activity by Referring Physician	Milkwick	1/17/86	
	Activity Summary by Physician	LOGAN	5/4/93 Copied from MROL72; date range rather than month end	
	Performing Primary Procedure	MILKWICK	6/23/86	
MROR01	High Diagnoses Listing	MILKWICK	6/23/86	
MROR02	High Procedure Listing	MILKWICK	7/3/86	
MROR03	Charges per Dx Report	MILKWICK	7/3/86	
MROR04	Charges by Procedure Report	MILKWICK	7/3/86	
	Moonlifter Rpt for Pts Admitted by Doctors not on Staff	MILKWICK	7/8/86	
MROR05	List Deficiency Codes	CHAFFIN	12/8/87	
MROR07	List Denial Tracking Reason Codes	PRESPARA	6/14/02	
MROR08	Print Deficiency Letters	REID	6/7/88 but first date changed 2/21/88 by Amm	
MROR11	Consulting Physicians Report	REID	4/1/88	
MROR12	Selected Consulting Physicians Report	REID	4/1/88	
MROR13	Selected Consulting Surgeon Report	REID	4/1/88	
MROR14	Released Charts Report	REID	5/5/88	
MROR15	Charts Released/Not Returned Report	REID	5/5/88	
MROR16	Charts Released/Overdue Report	REID	5/5/88	
MROR17				

## HMS Medical Records Report Programs

Number	Report	AUTHOR/Converted-Changed by	Date Written	Notes
MROR18	Frozen Charts Report	REID	5/5/88	
MROR19	Requested Charts Report	REID	5/5/88	Bunch was with AMC; Milkwick converted 3/11/86
MROR20	Admissions Register Report	BUNCH		
MROR21	Returned Charts Report	REID	5/5/88	
MROR22	Chart Deficiency Listing	REID	6/14/88	
MROR23	Deficiency Letters & Report	LOGAN	2/5/92	copied from MROR23
MROR24	Deficiency Report Setup Letter	MASSIE		
MROR26	Deficiency by Patient	MASSIE	not given	
MROR27	Deficiency Chart Report	JKW	2/28/02	
MROR28	Deficiency Chart Aging Report	JKW	3/1/02	
MROR30	Chart Status Location Listing	EXLEY	2/21/98	
MROR301	Chart Status Location Listing	EXLEY	1/21/98	
	Reconsideration of Review Listing, Prelim. Review to Reconsideration	REID	5/20/88	
MROR31	Reconsideration of Review Listing, Reconsideration to Appeal	REID	5/23/88	
MROR32	Reconsideration of Review Listing, Appeal to Reconsideration	REID	5/23/88	
	Determination	REID	5/23/88	
MROR33	Reason for Review Report	REID	5/23/88	
MROR34		REID	5/25/88	
MROR35	Reason for Review Trend Analysis	SHERWOOD	2/22/01	
MROR36	Denied Claims by Payor	LOGAN	3/23/92	
MROR37	FL HCCB Case Mis Report	HANCOCK	11/14/88	
MROR38	Print Master File	LOGAN	5/11/89	
MROR39	Denials Detail List	LOGAN	5/12/89	
MROR40	Deficiencies by Doctor	LOGAN	5/24/89	
MROR41	Charts Reviewed by Doctor	LOGAN	5/25/89	
MROR42	Deficiencies by Pt Number	LOGAN	12/22/88	
MROR43	CPT Code File Listing	HANCOCK	6/1/90	
MROR44	Pt Class Codes & Descriptions	LOGAN	1/21/92	
MROR45	Deficiencies for Single Pt	LOGAN		

HMS Medical Records Report Programs					
Number	Report	AUTHOR/Converted-Changed by	Date Written	Notes	
MROR46	Deficiencies by Responsibility Type	LOGAN	1/27/92		
MROR47	Deficiencies by Responsibility Type by Various Selections	LOGAN	7/1/92		
MROR48	Deficiencies for Single Pt	LOGAN	4/7/03 copied from MROR45		
MROR49	Deficiencies by Responsibility Type by Various Selections	WISE	4/8/03		
MROR49A	List DSM4 Dx Codes	LOGAN	12/8/92		
MROR50	Print Release Form	CTE	9/17/97		
MROR51	Psych Hospital Attestation	LOGAN	2/9/93		
MROR52	Print Release Form	JMM	1/23/02 copied from MROR50		
MROR53	Print Admissions Register	GIVENS	2/5/90		
MROR54	Returned Charts List	EXLEY	1/6/98		
MROR55	Returned Chart Listing	CTE	1/6/98		
MROR56	Returned Chart Listing	CTE	1/6/98		
MROR57	Returned Chart Listing	MLM	2/8/02 replaces MROR573 & 574		
MROR58	YTD Operative Index by Selected CPT Procedure	JRS	4/8/32 date typo?		
MROR59	Coder/Finalizer Productivity Report	JRS	8/22/03 MRSEL 14		
MROR61	Inpatient Zero Discharge Date List	LOGAN	10/15/90		
MROR62	Ins. Pts with no Ins. Company	LOGAN	11/14/90		
MROR63	List Abstract	LOGAN	11/14/90		
MROR64	FL Reporting for Ambulatory Surgery	LOGAN	1/3/91		
MROR66	Admissions Register List	HARLOW	8/21/85		
MROR67	Abstract with Invalid ADM Physician	LOGAN	2/20/91		
MROR68	NC State Reporting File	LOGAN	4/3/91		
MROR69	NC State Reporting Edit List	LOGAN	4/8/91		
MROR70	NC State Reporting File	LOGAN	4/16/91 date range		
MROR71	Pt Readmission Listing	LOGAN	5/10/91		

**HMS Medical Records Report Programs**

Number	Report	AUTHOR/Converted-	Changed by	Date Written	Notes
MROR72	Abstracts in Age Sequence	LOGAN		10/9/92	
	Pt List Admissions by Service Class	LOGAN		7/2/93	
MROR73	Pt List Discharges by Service Class	LOGAN		7/2/93	
MROR74	List Rehab Impairment Groups w/ Dx and HSV Refs.	LOGAN		10/18/94	
MROR75	List Rehab Impairment Groups w/ Linked Dx Codes	LOGAN		10/18/94	
MROR76	List Rehab Impairment Codes	LOGAN		10/18/94	
MROR77	NC State Reporting File, Ambulatory Surgery	COOPER		3/23/94	
MROR78	NC State Reporting File	COOPER		3/28/94	
MROR79	NC State Reporting File	EXLEY		3/23/94	
MROR80	Chart Number Listing Report	COOPER		7/24/95	
MROR90	YTD by Hospital Service Code	Milkwick		2/1/86	
MROY50	YTD by Financial Class	Milkwick		2/1/86	
MROY60	YTD by Attending Physician	Milkwick		2/1/86	
MROY70					